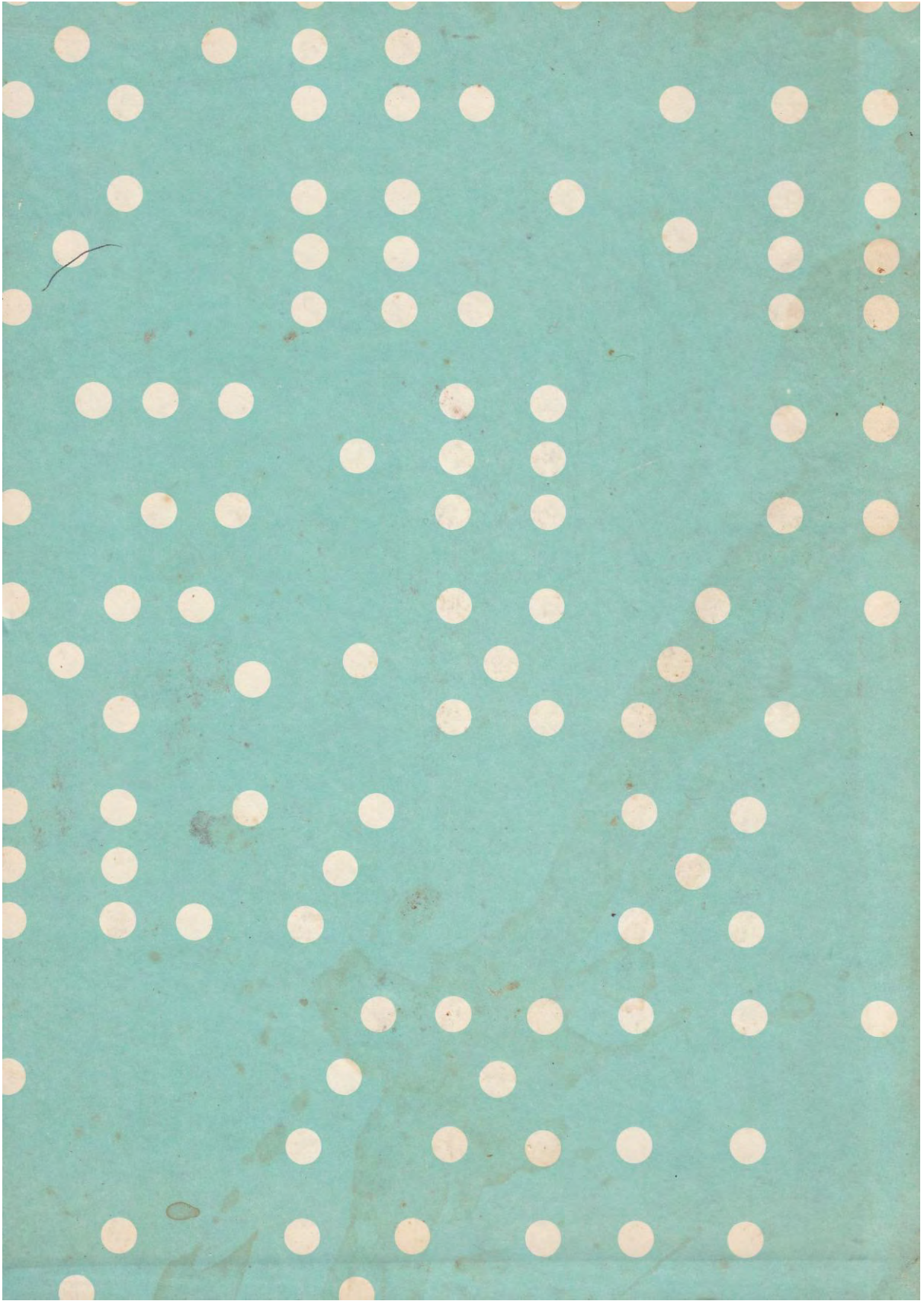


Jones
knitting pattern



KNITTING PATTERN

Jones



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KNITTING PATTERN

Jones



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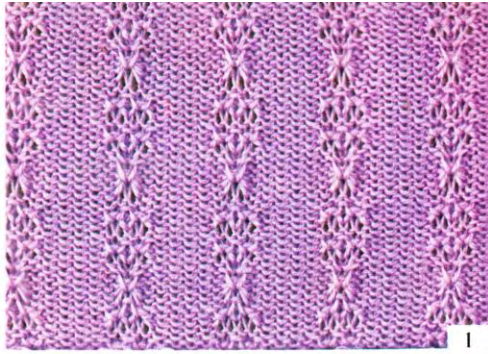
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PULL-UP



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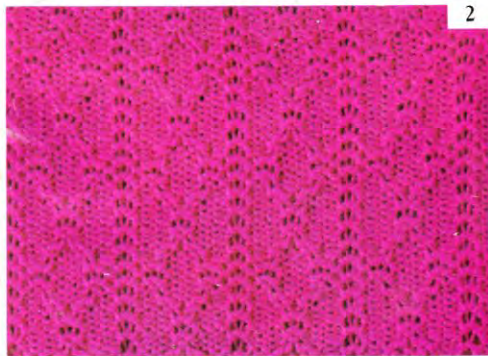
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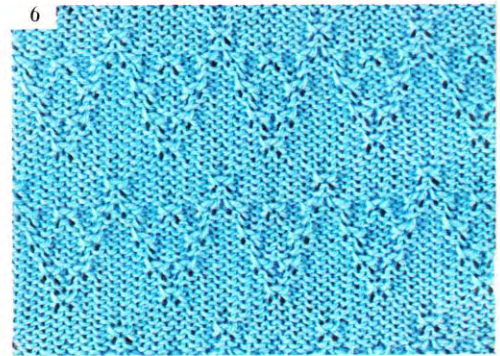
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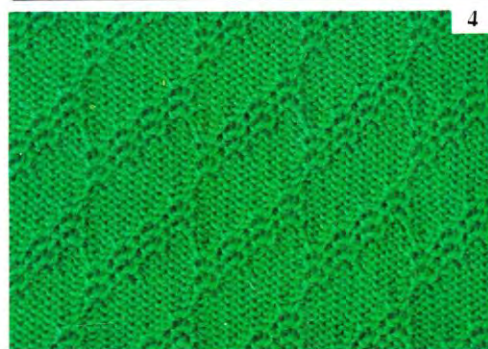
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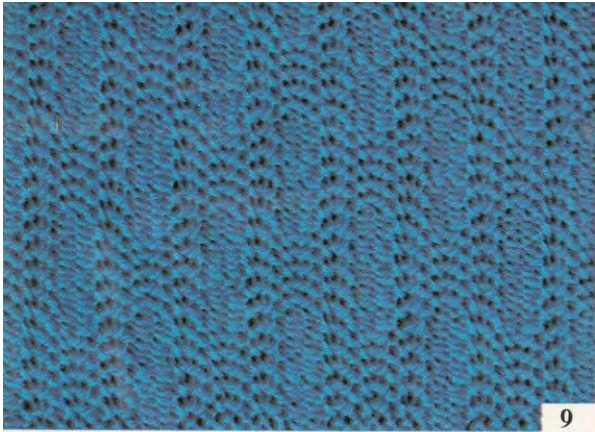
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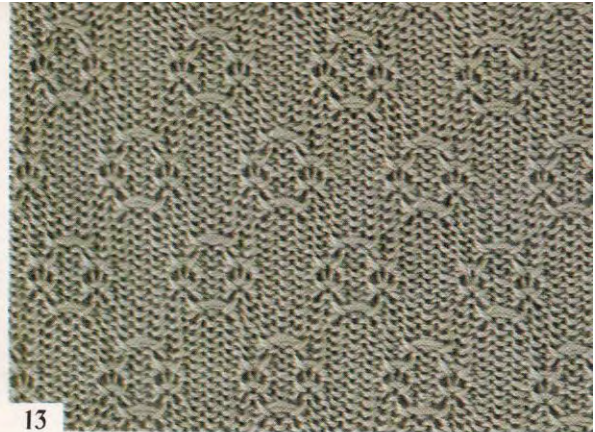
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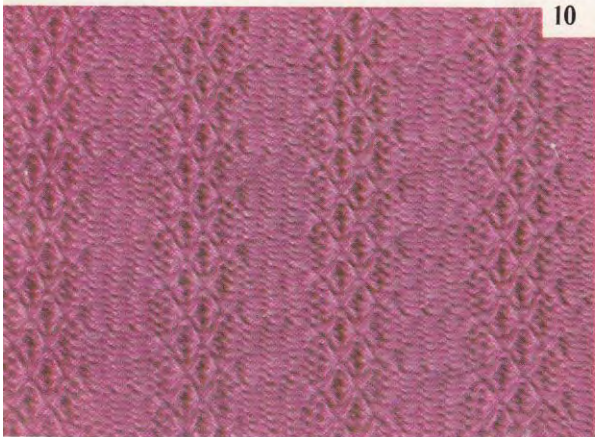
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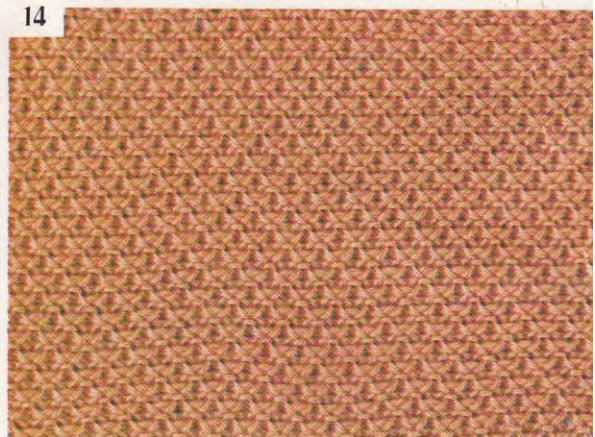
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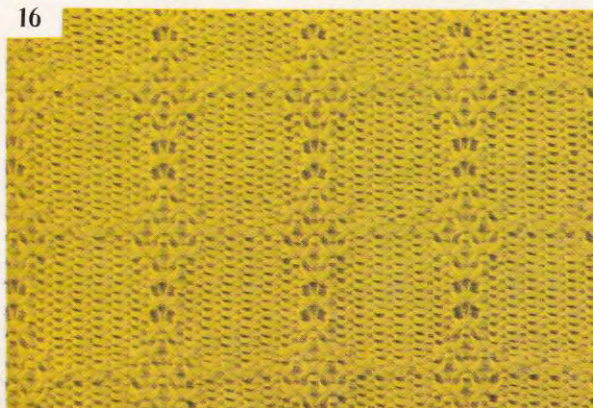
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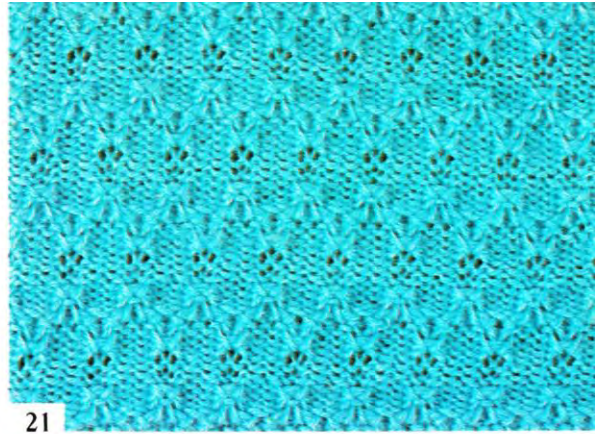
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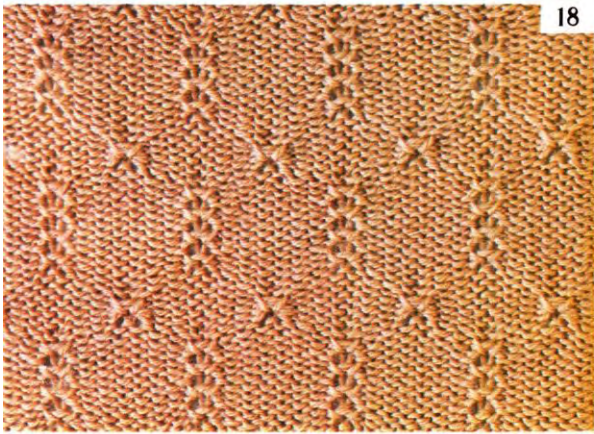
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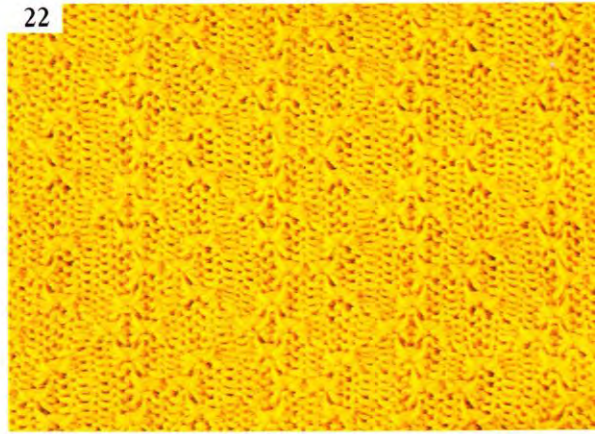
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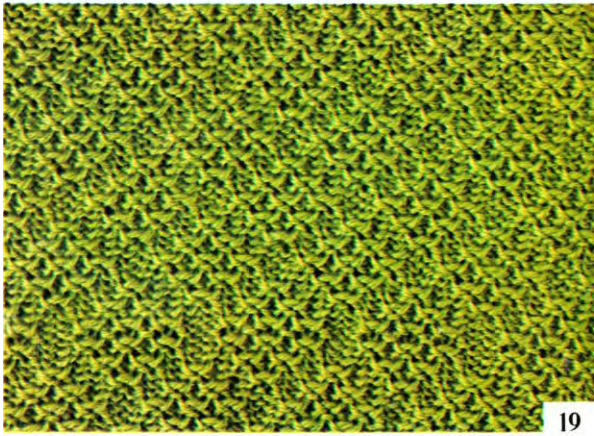
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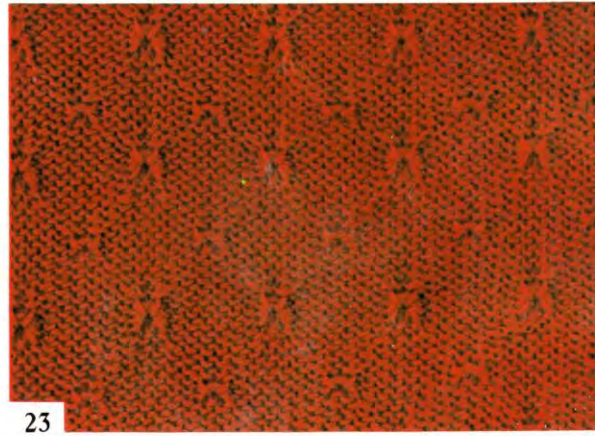
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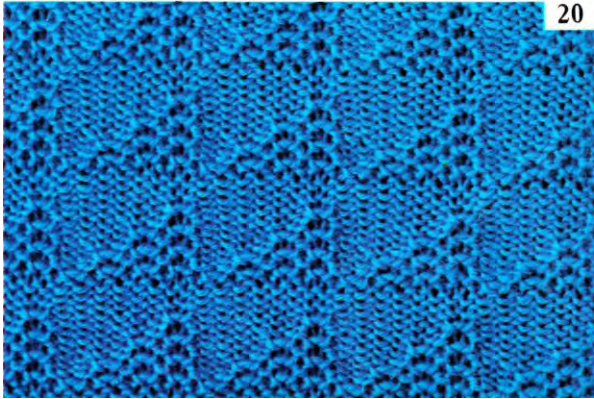
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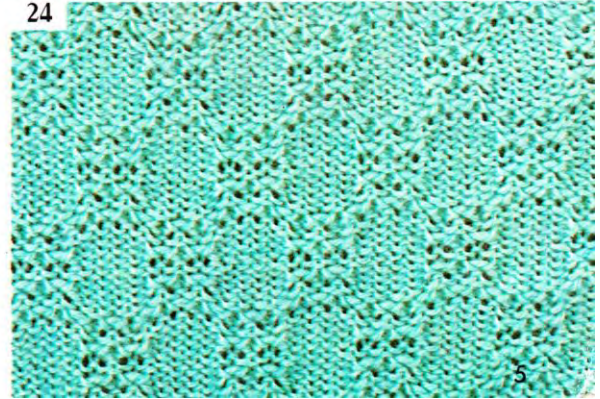
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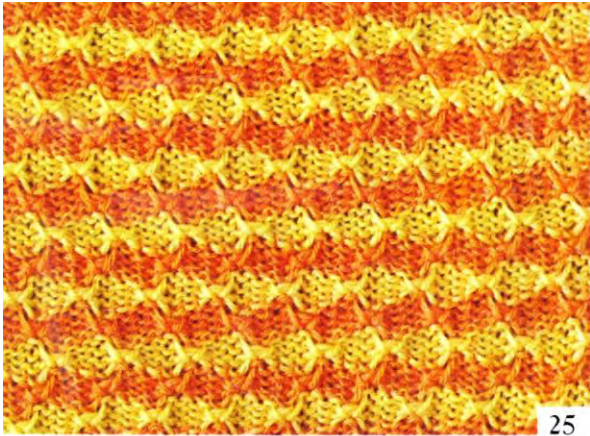
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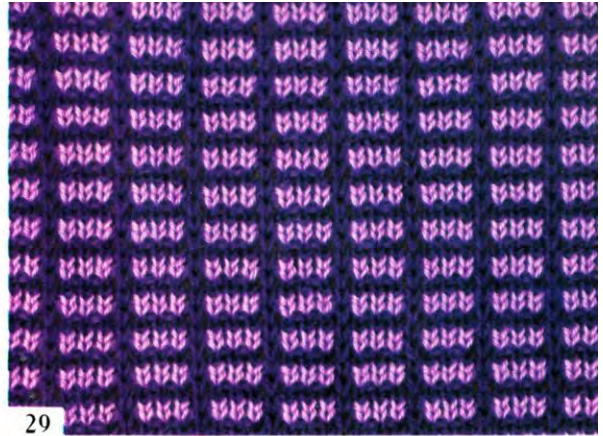
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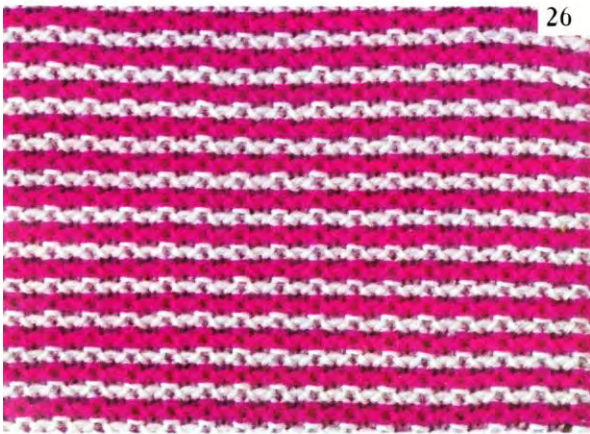
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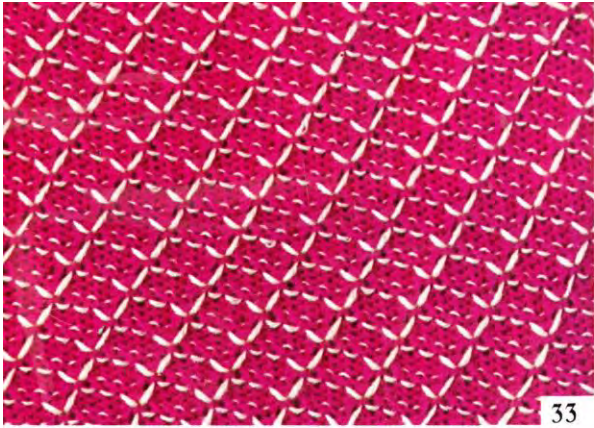
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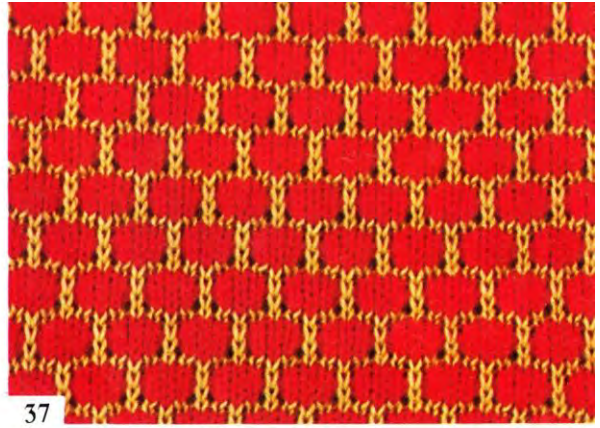
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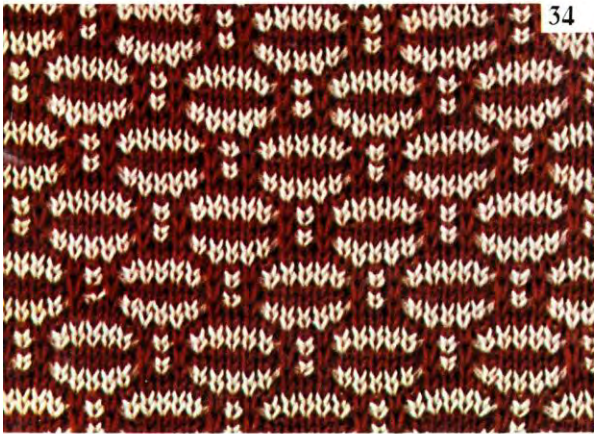
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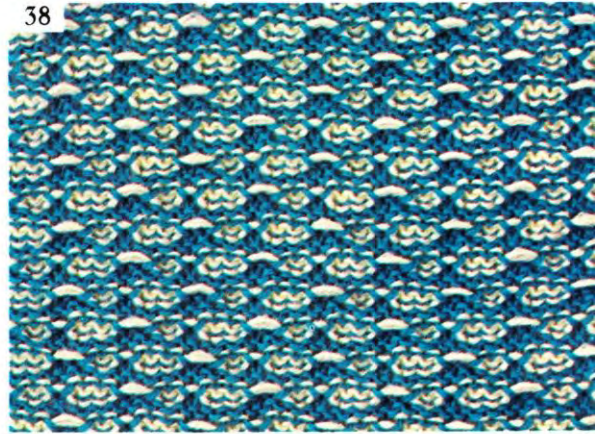
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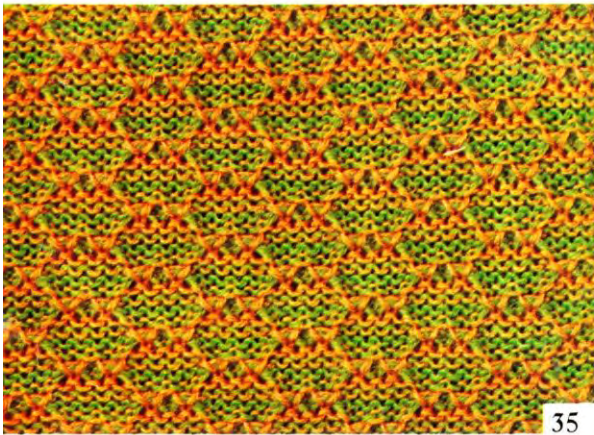
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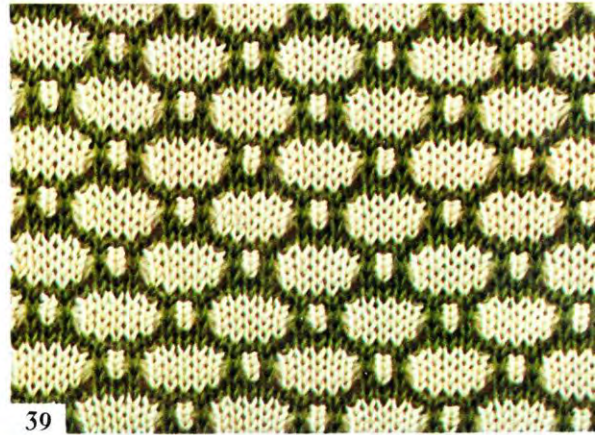
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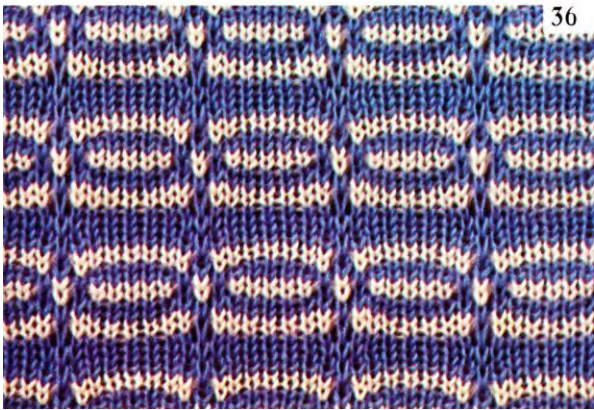
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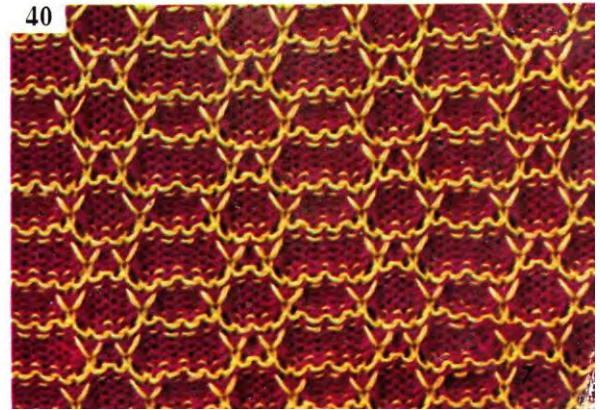
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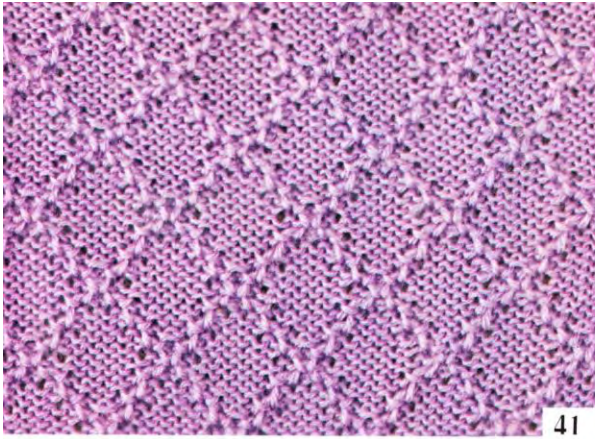
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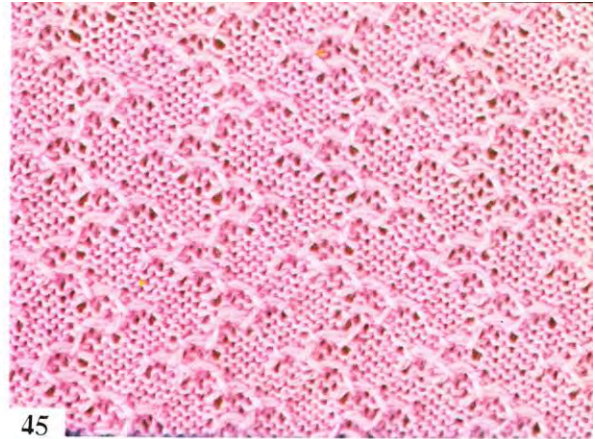
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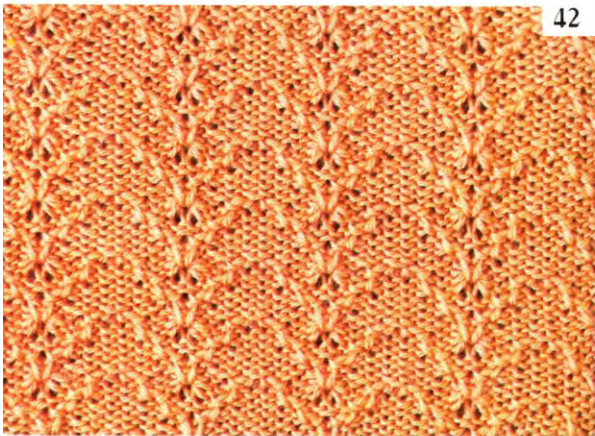
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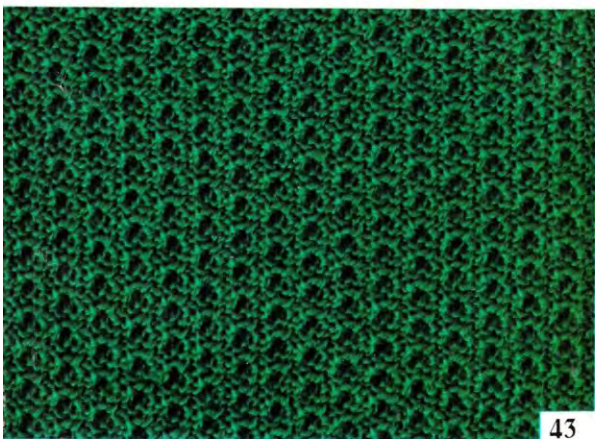
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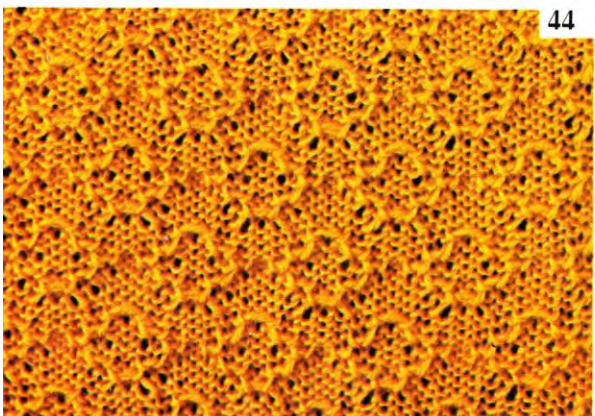
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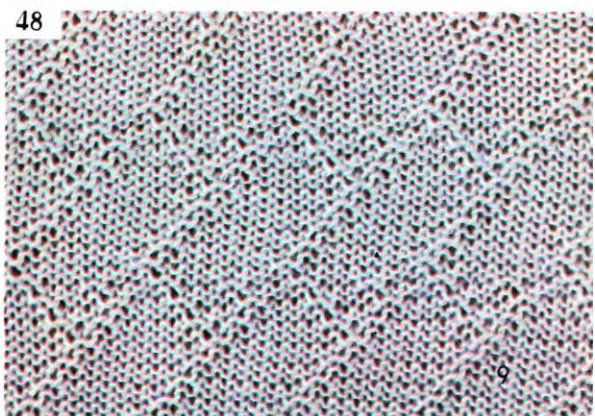
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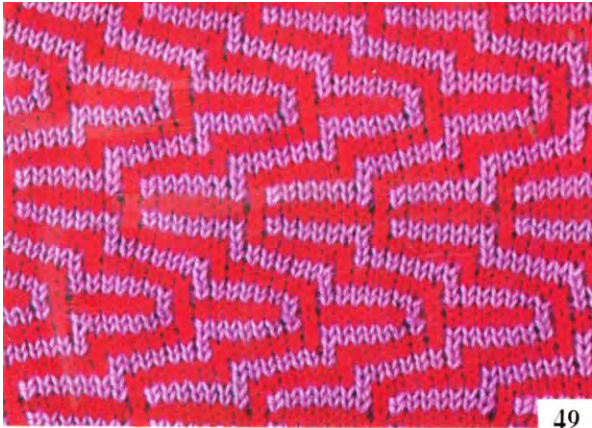
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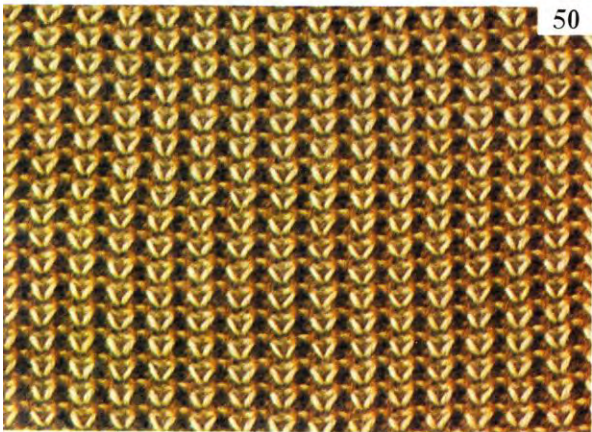
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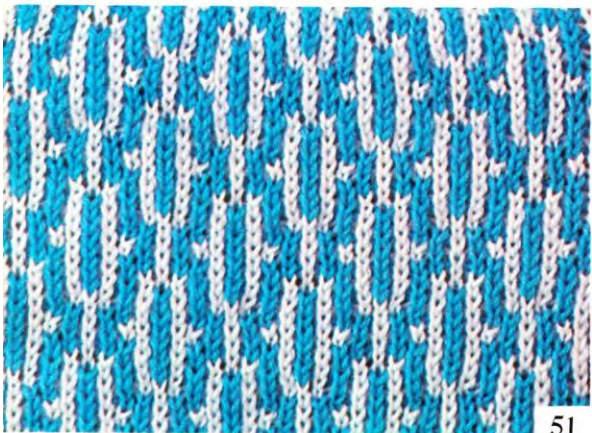
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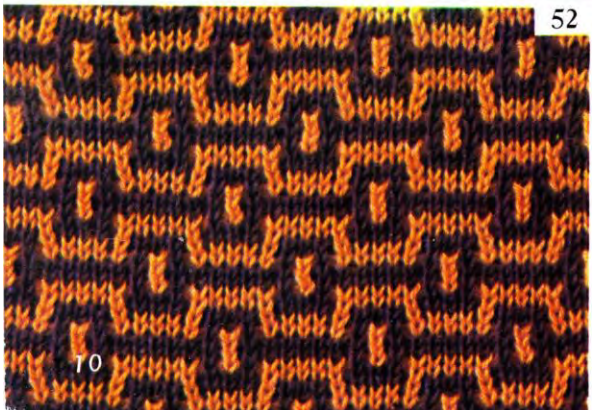
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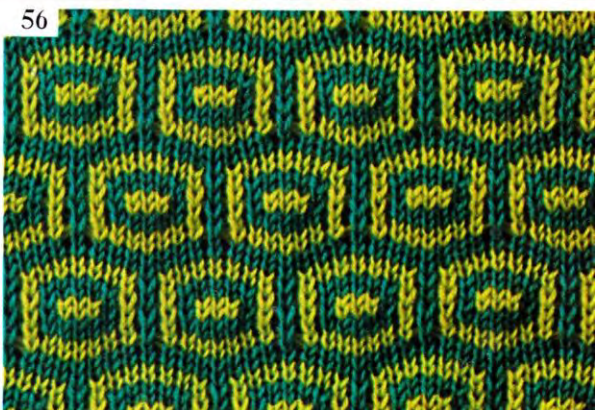


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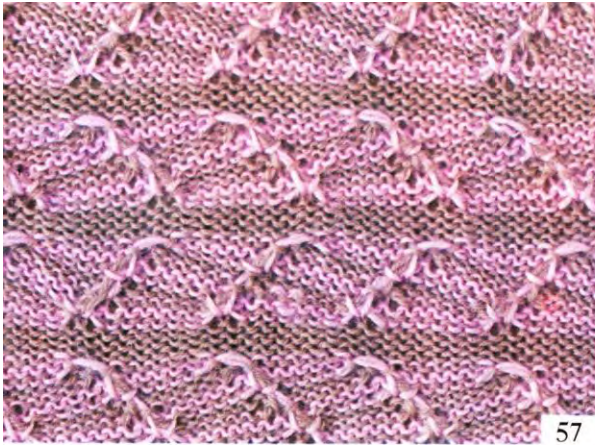


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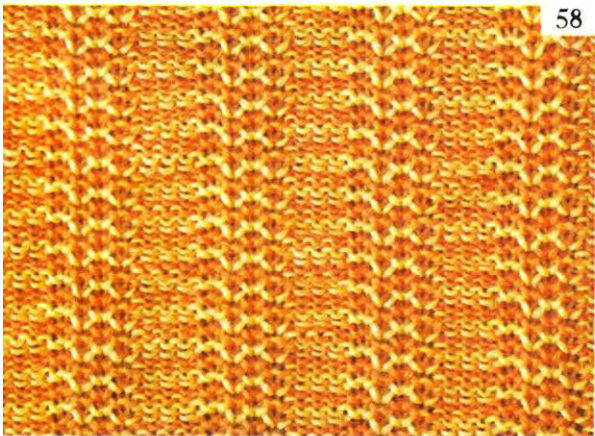
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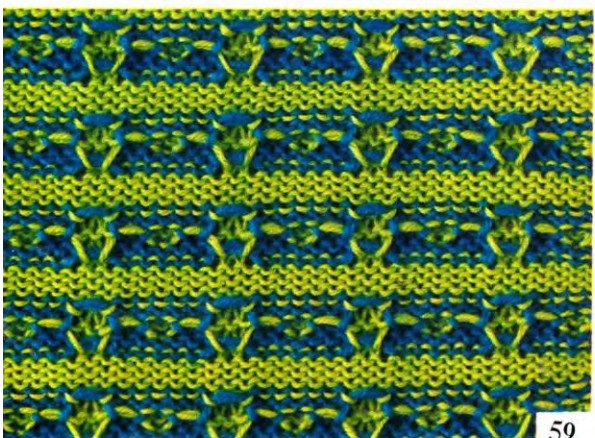
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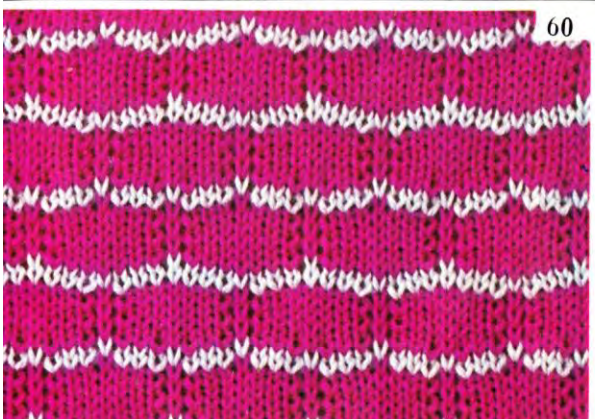
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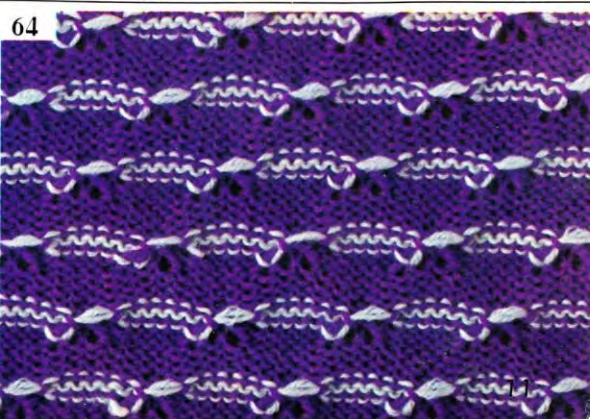
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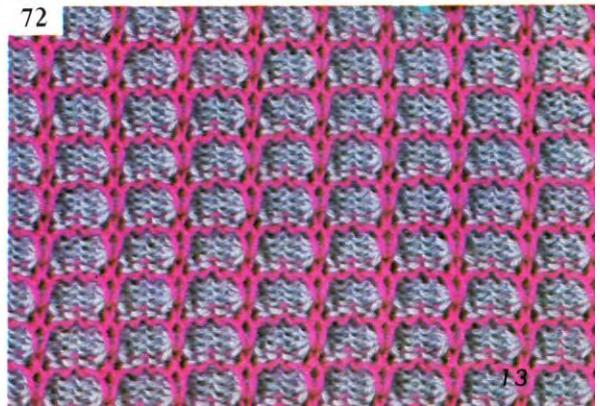
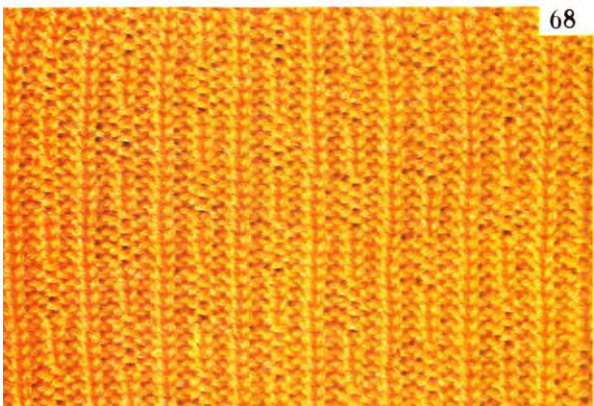
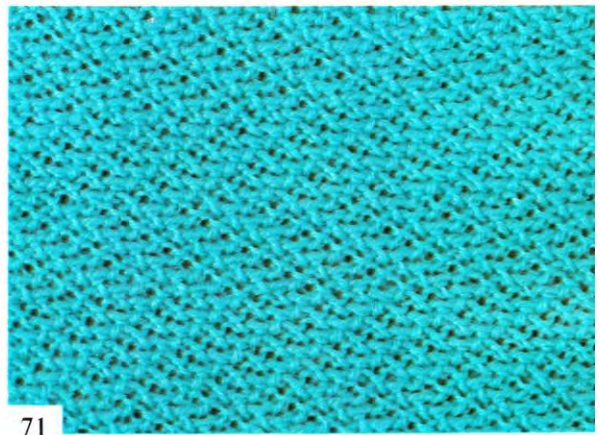
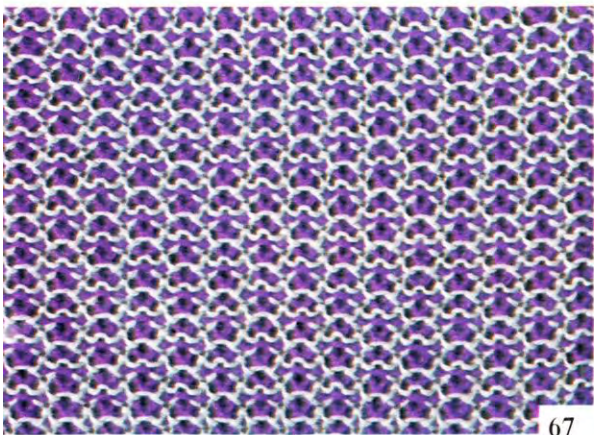
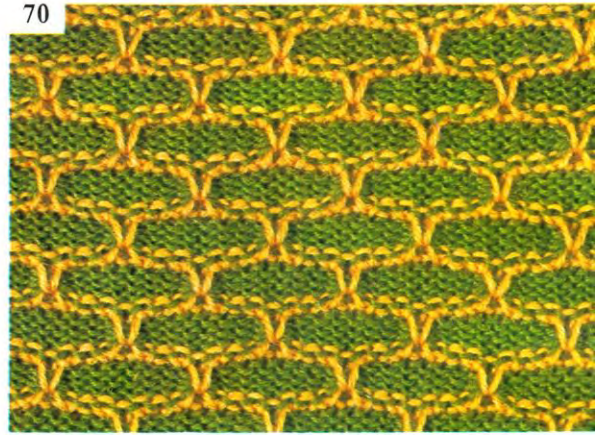
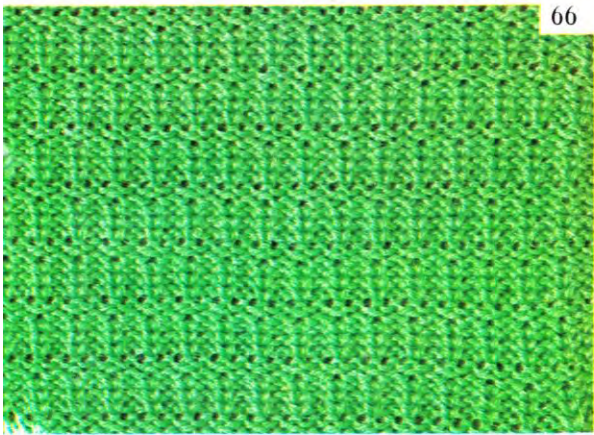
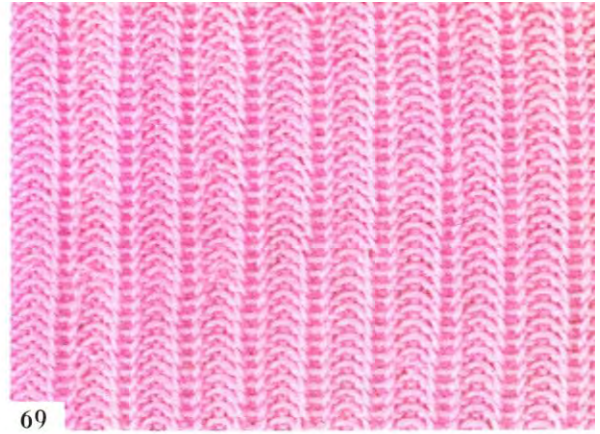
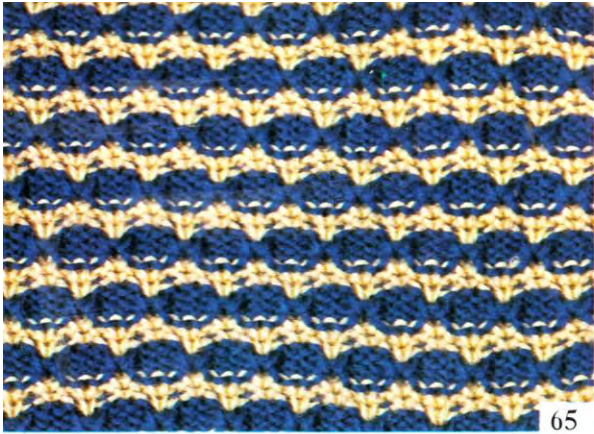
PULL-UP TUCK

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★ *Pull-Up Tuck Stitch Patterns* ★



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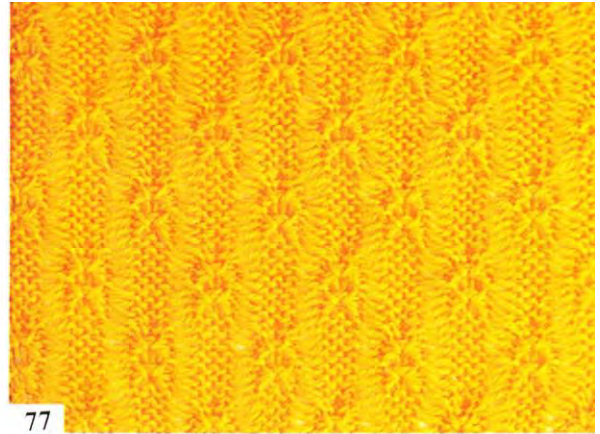


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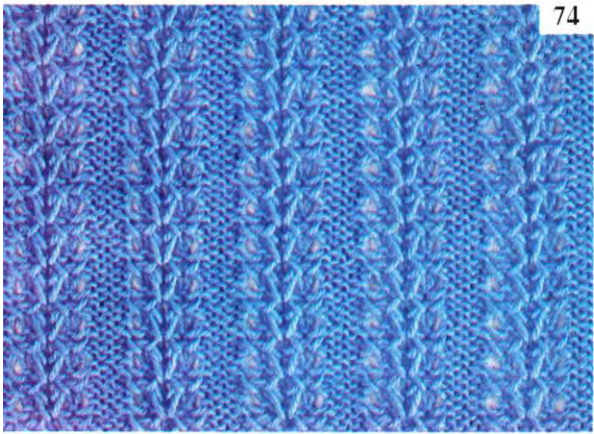
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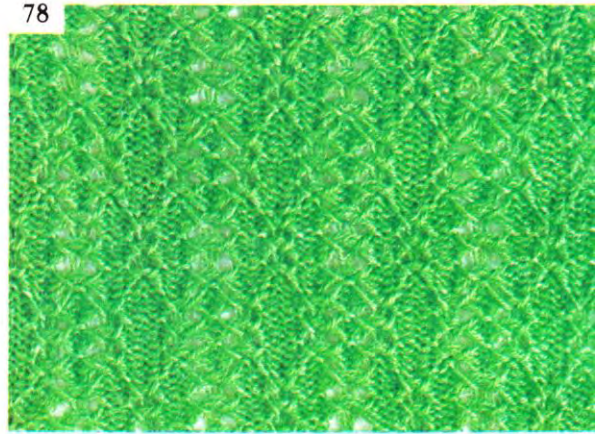
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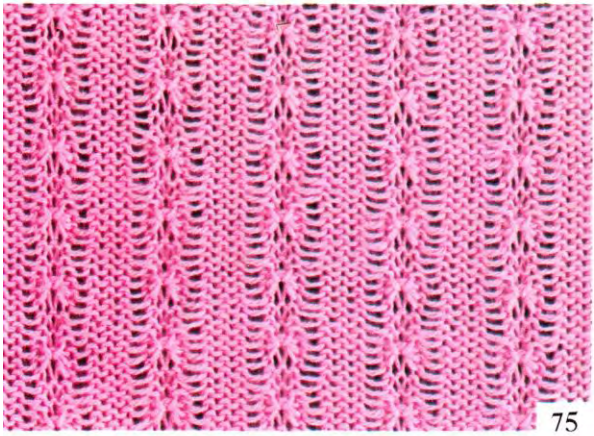
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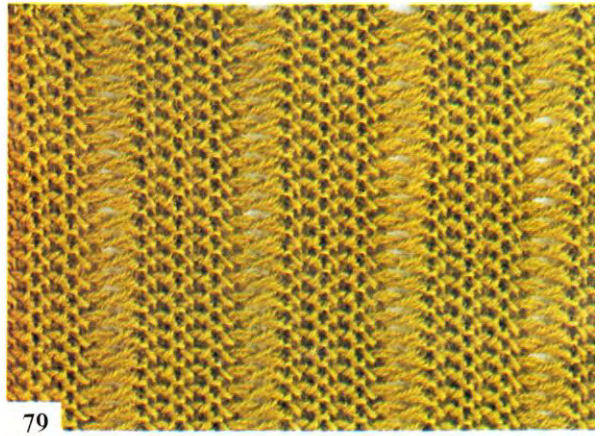
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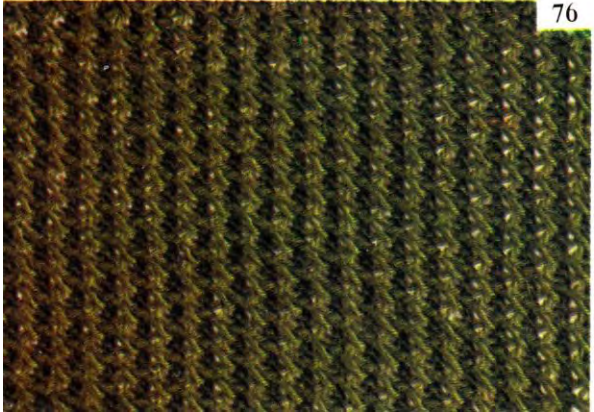
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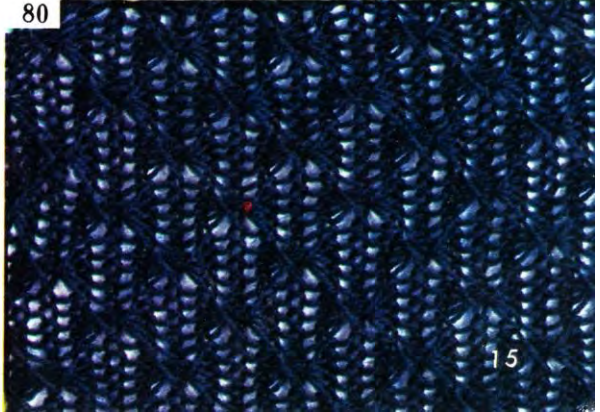
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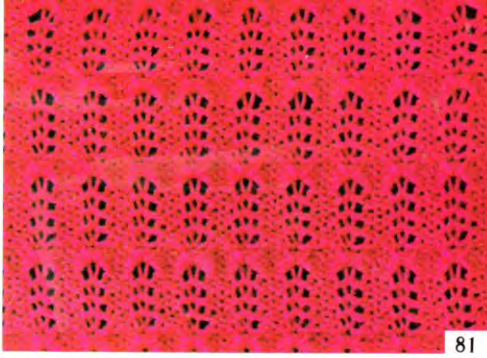
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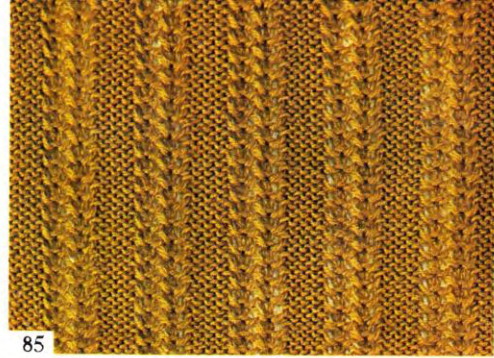
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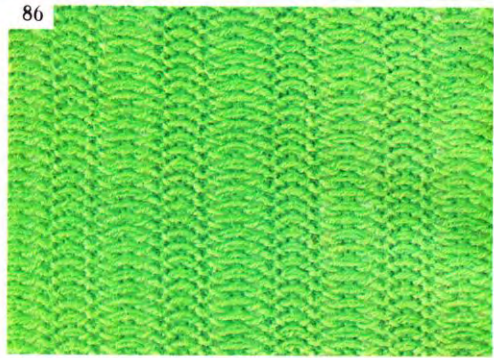
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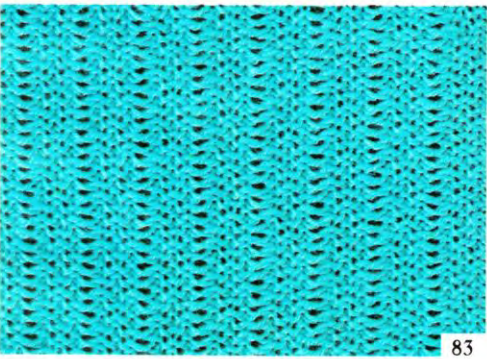
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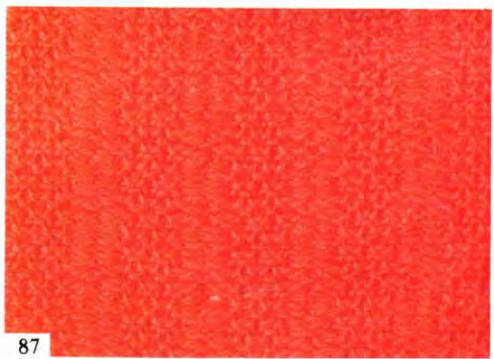
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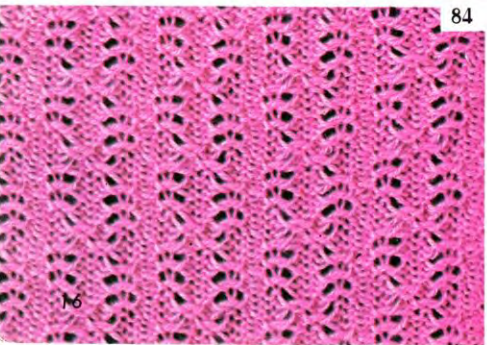
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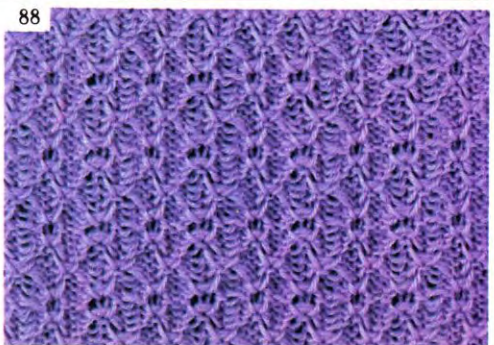
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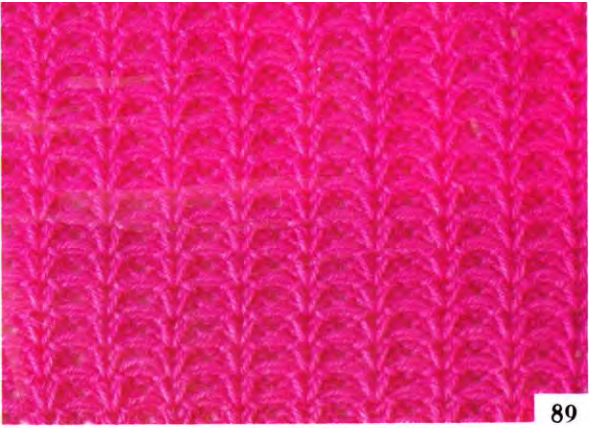
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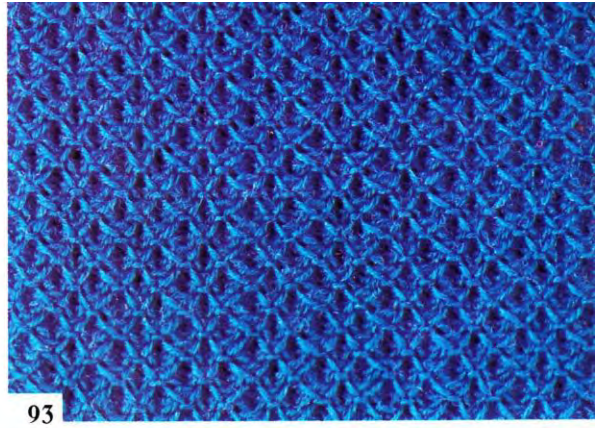
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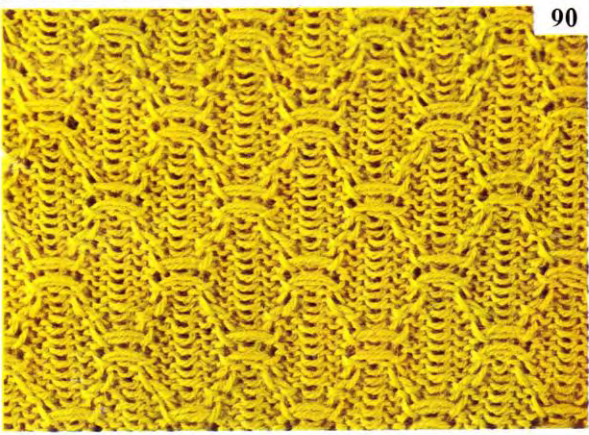
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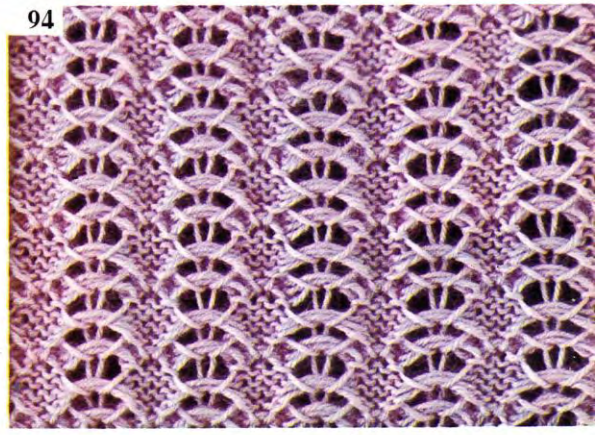
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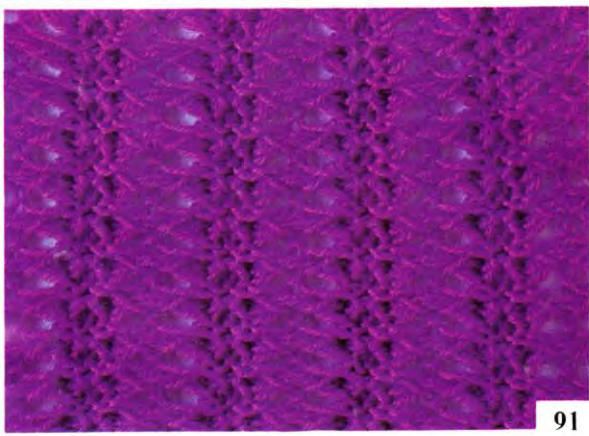
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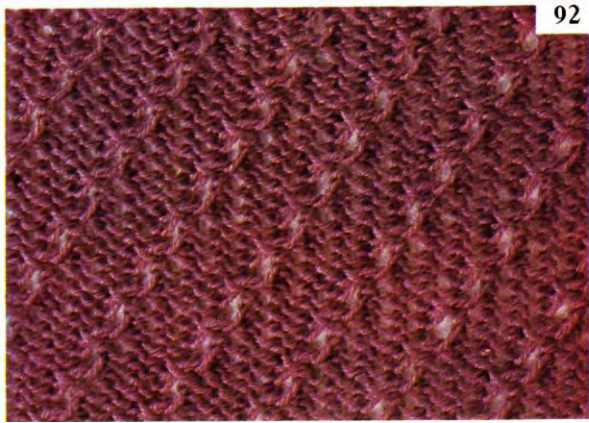
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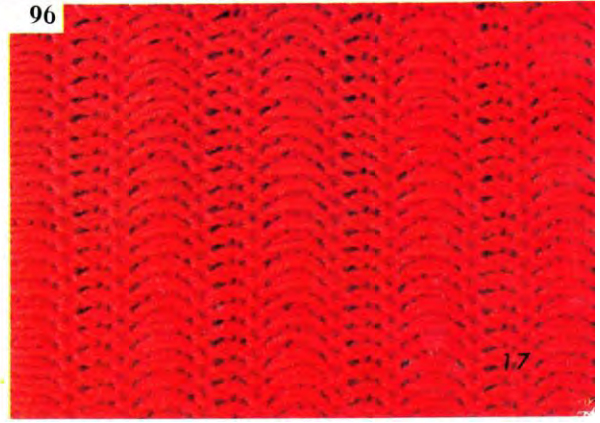
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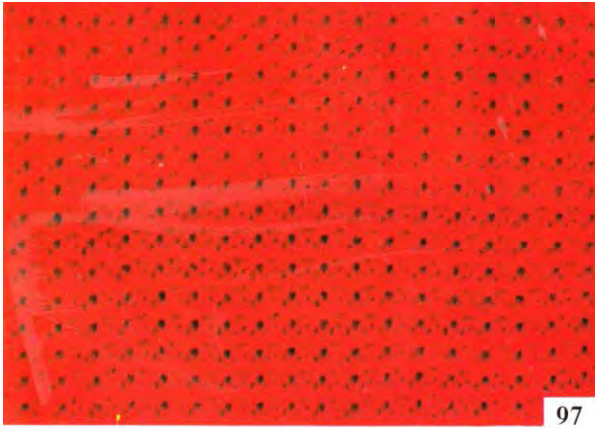
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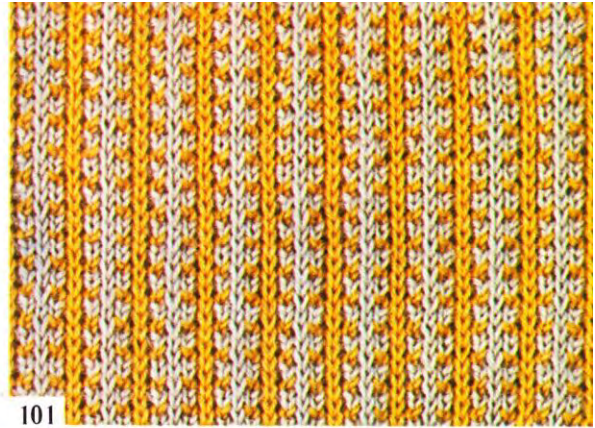
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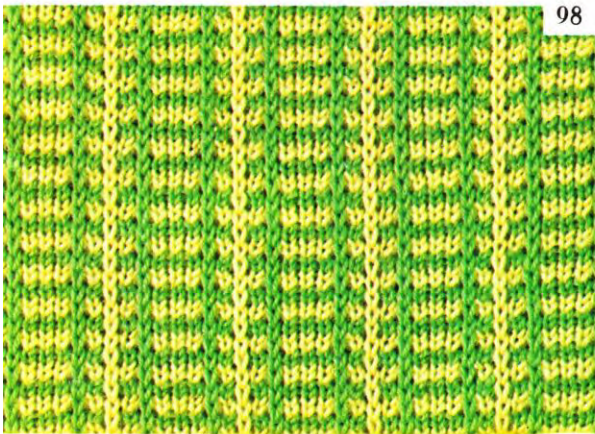
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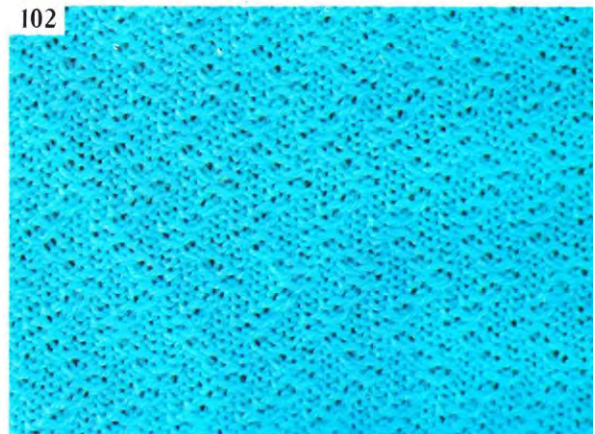
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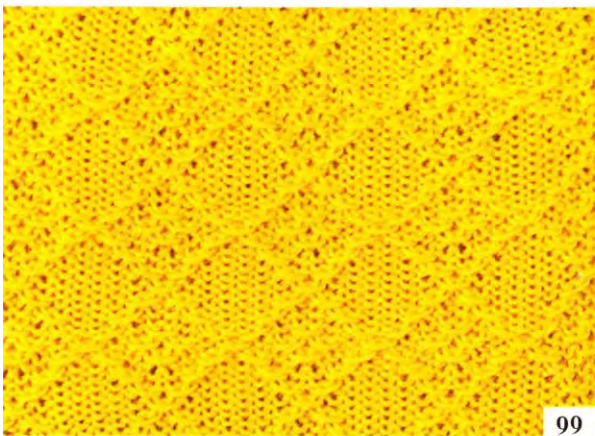
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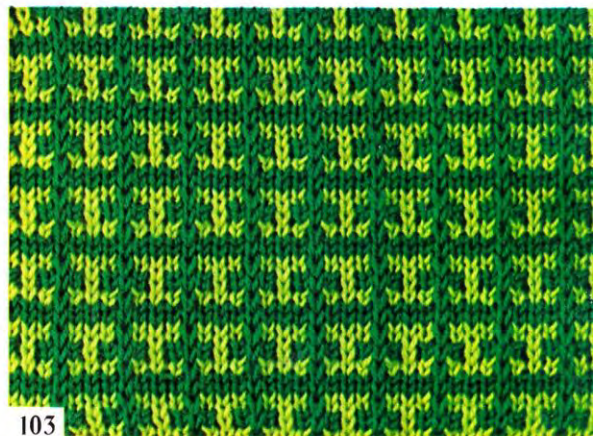
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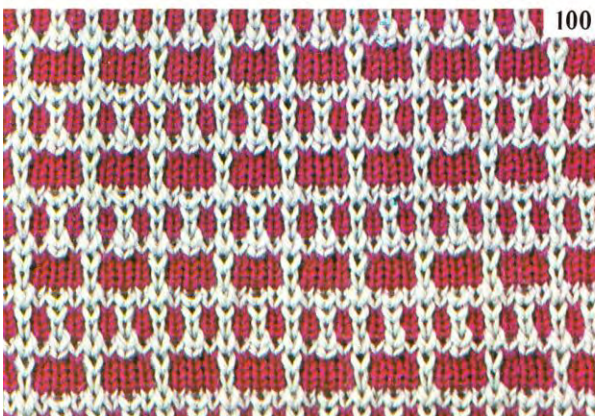
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SLIP
SLIP



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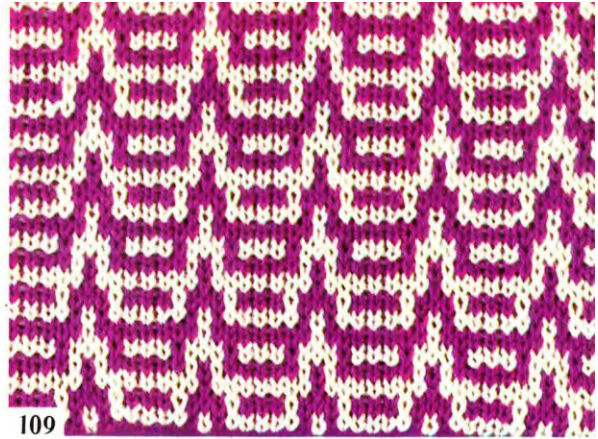
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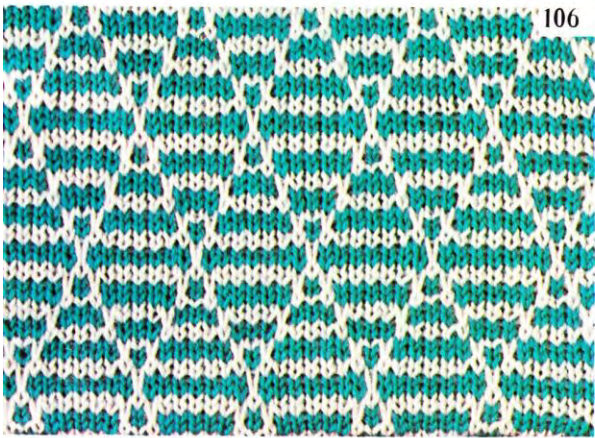
★ *Slip Stitches* ★



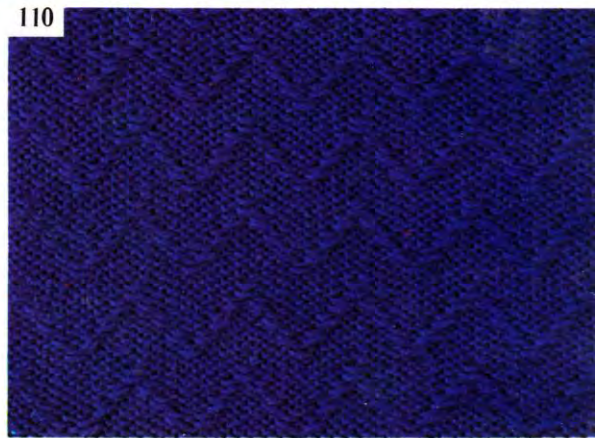
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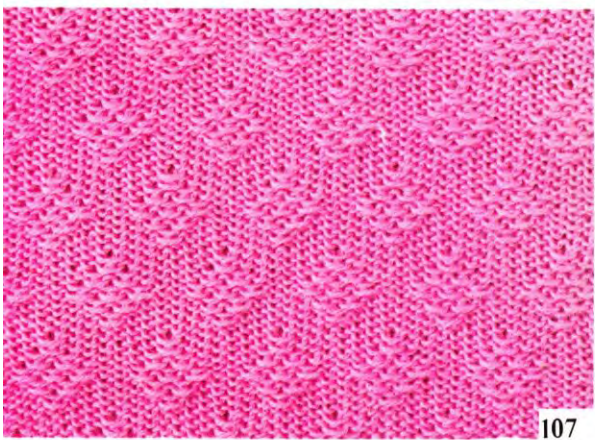
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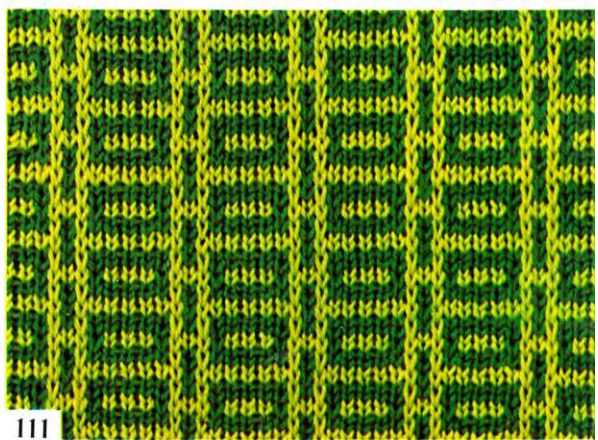
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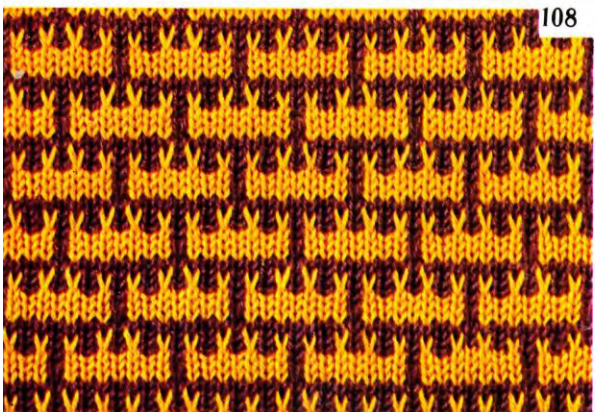
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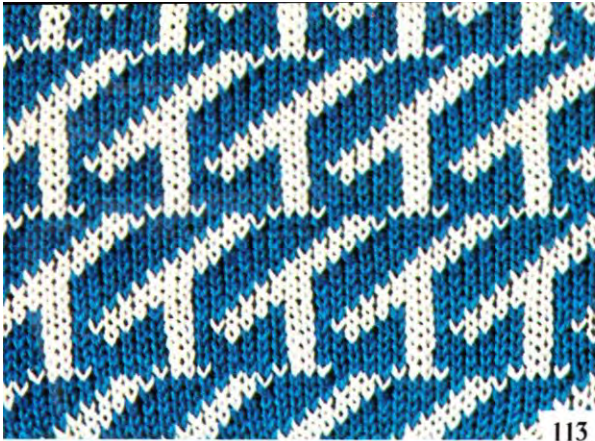
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FAIR ISLE

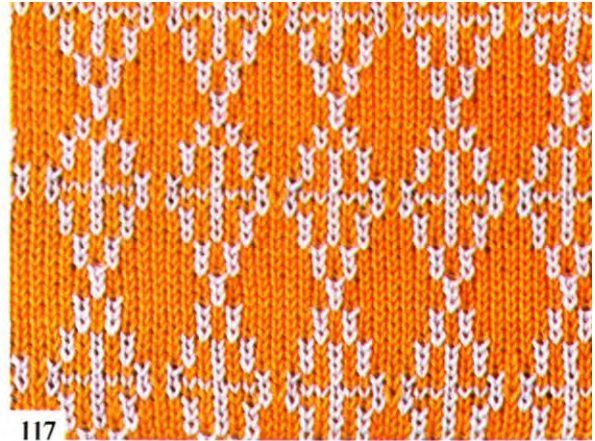
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YUKIKO HANAI



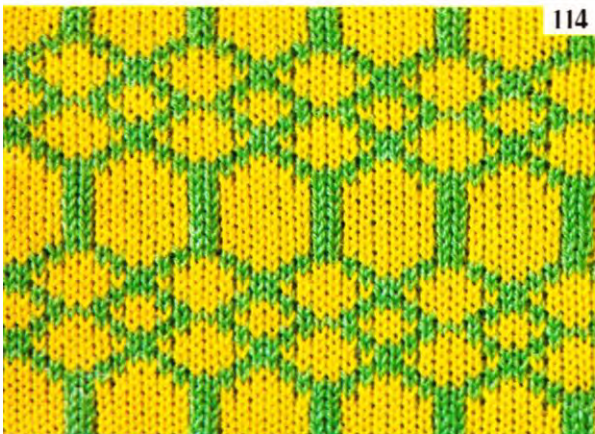
See Page 375
See Page 335



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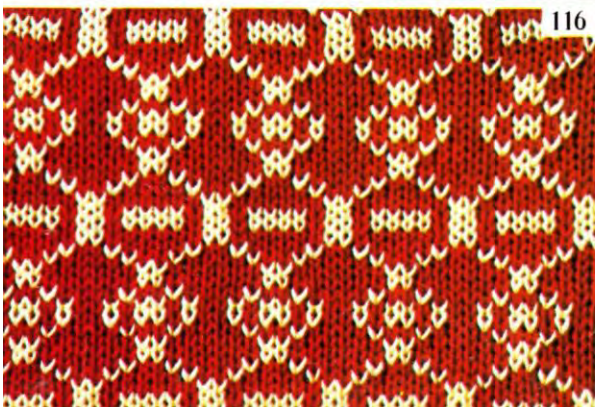
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115



119



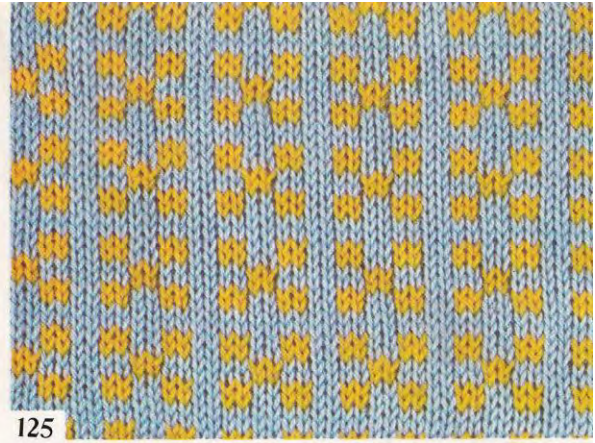
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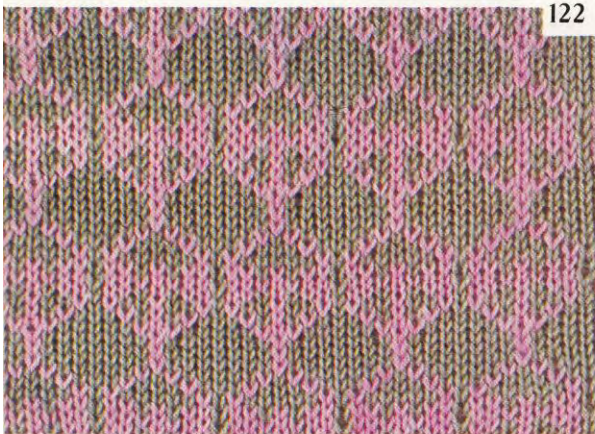
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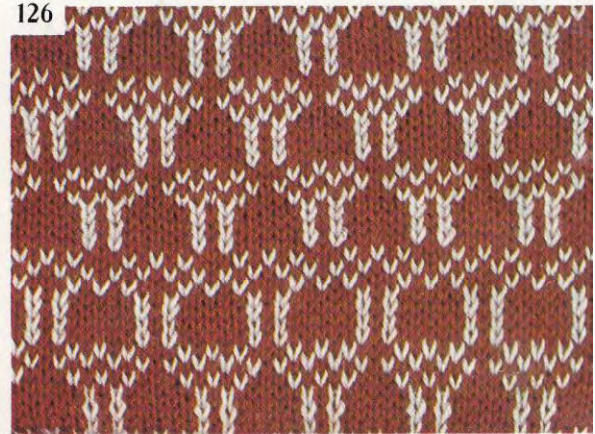
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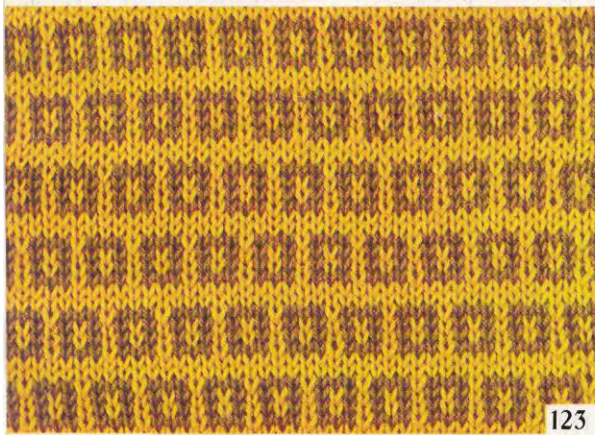
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126



123



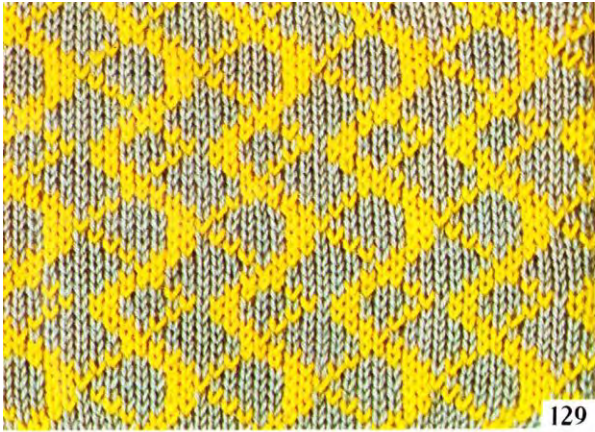
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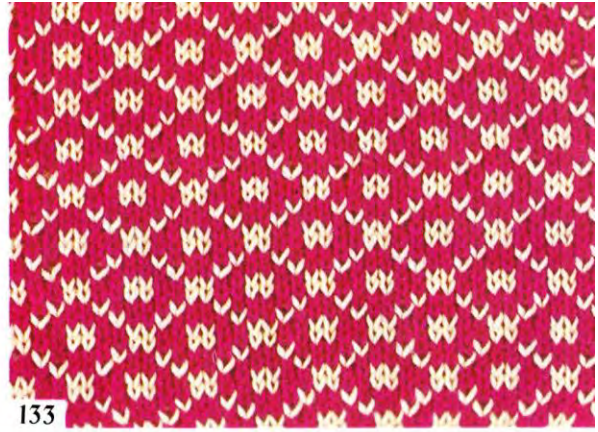
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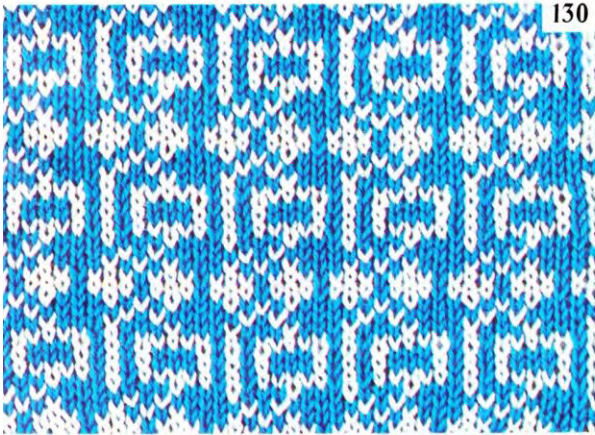
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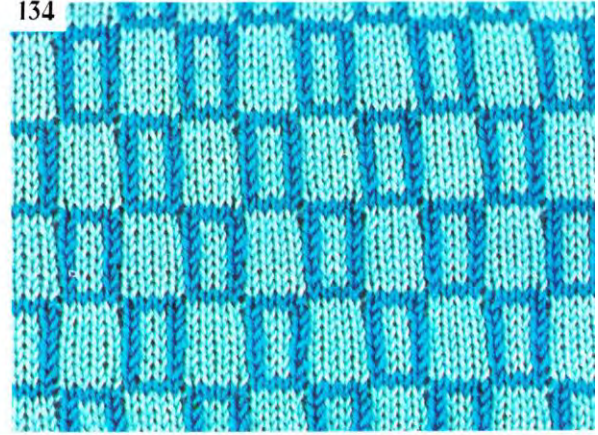
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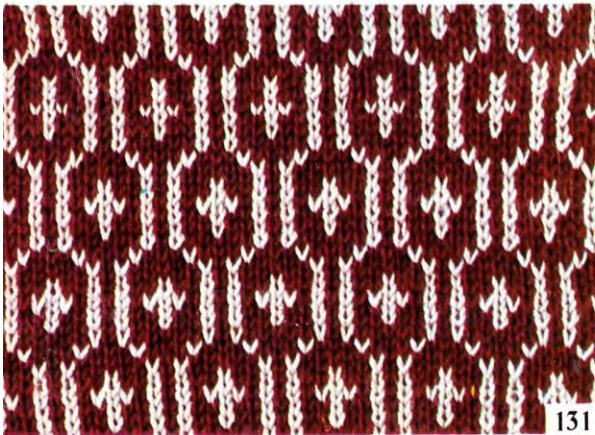
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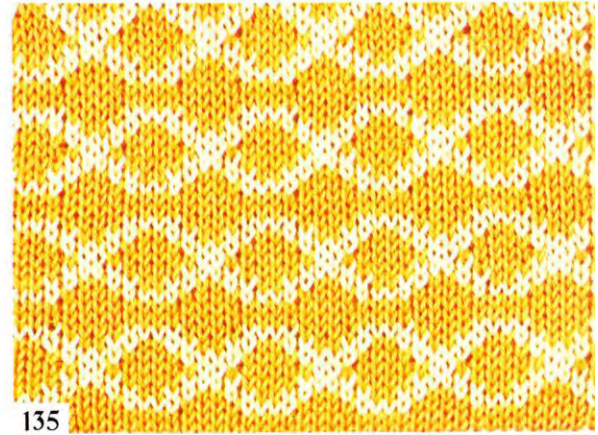
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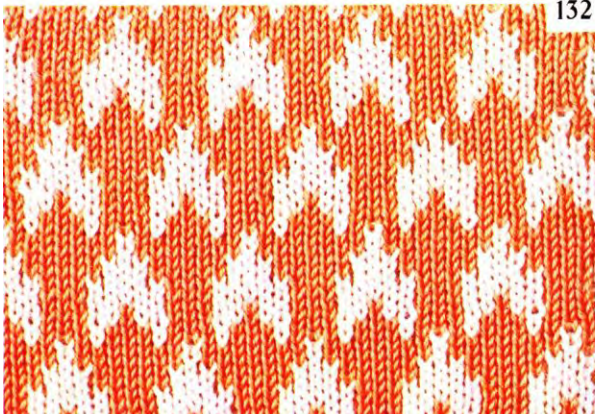
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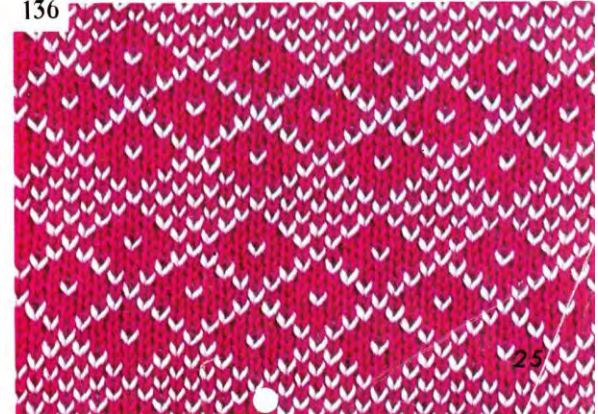
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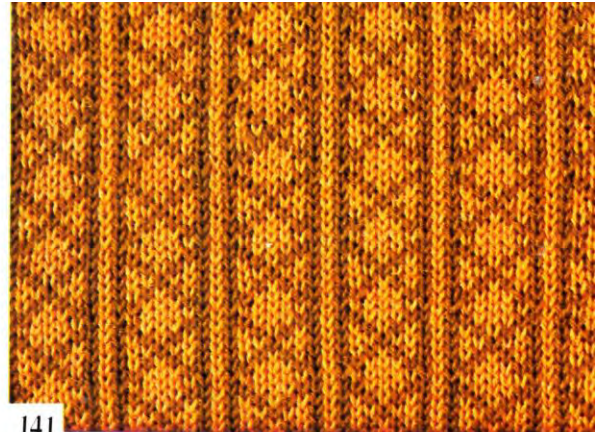
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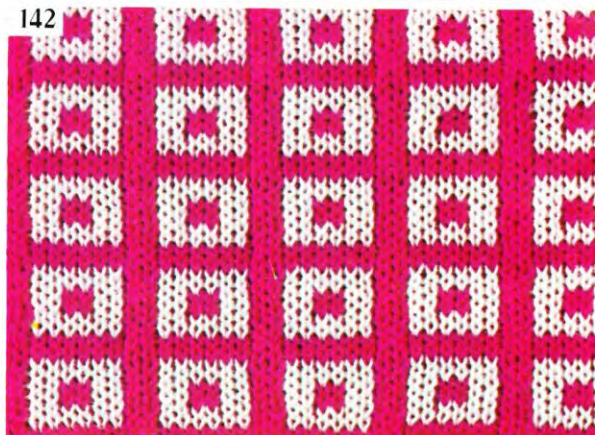
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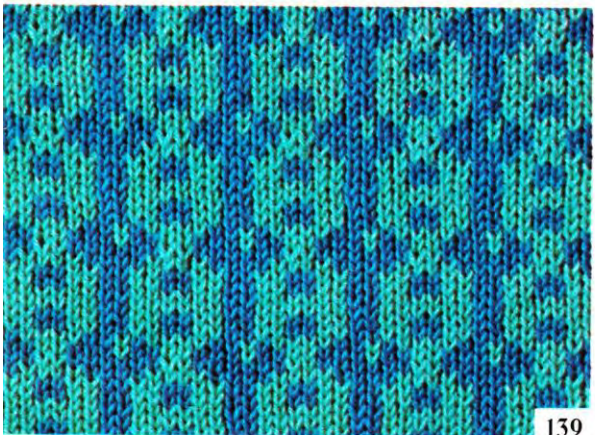
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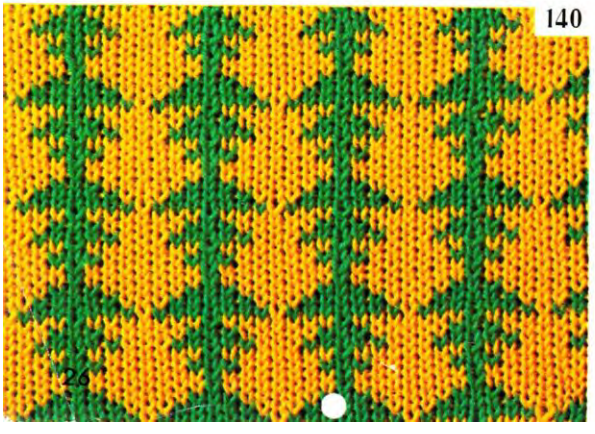
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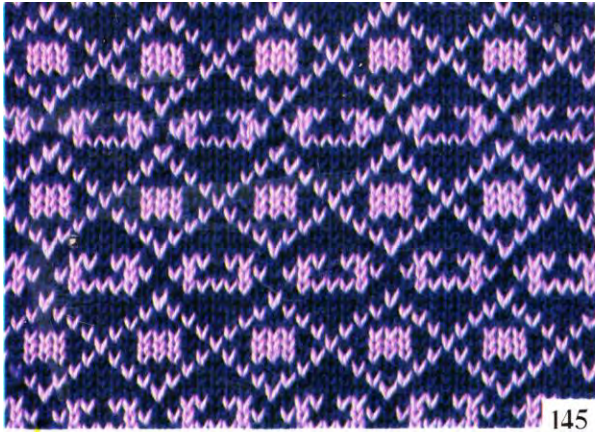
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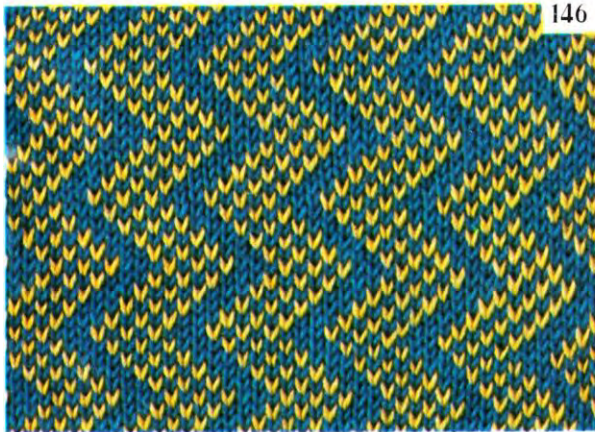
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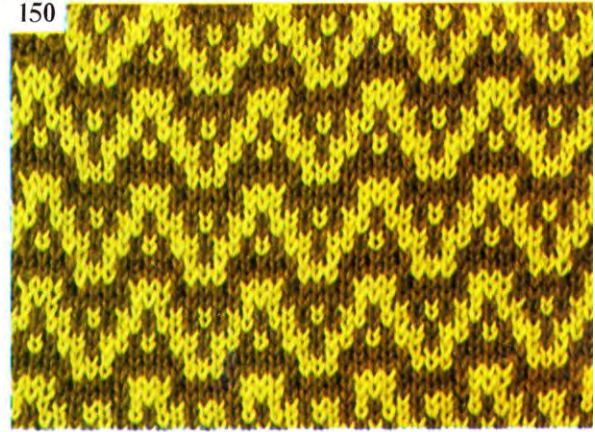
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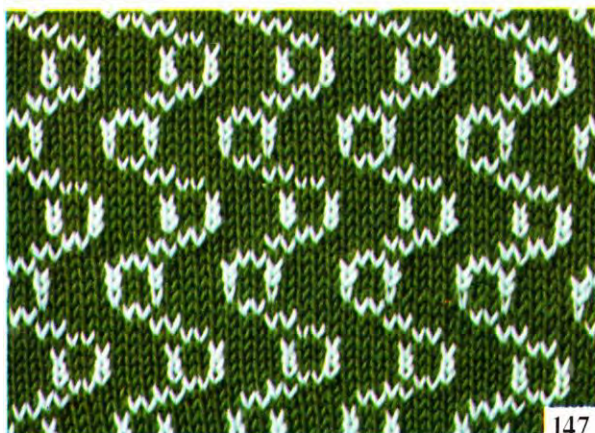
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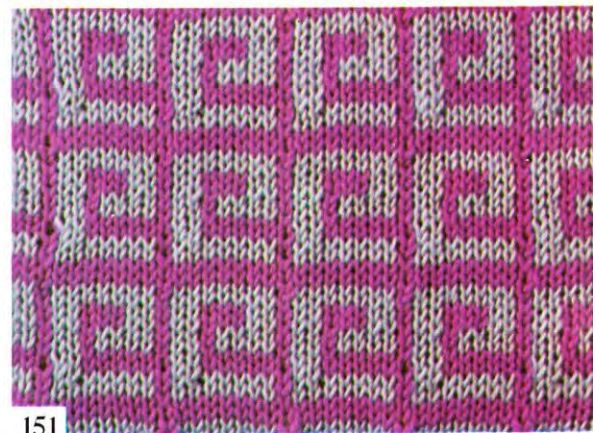
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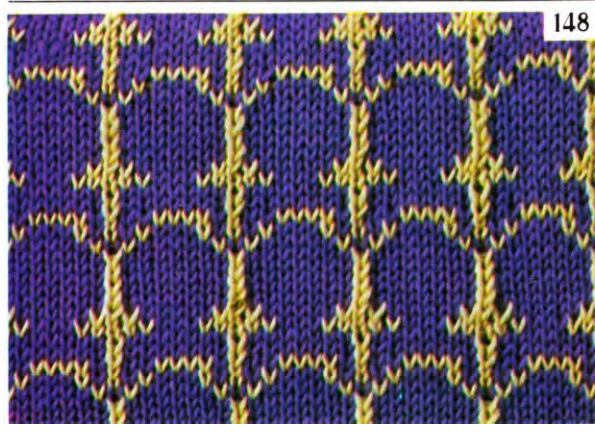
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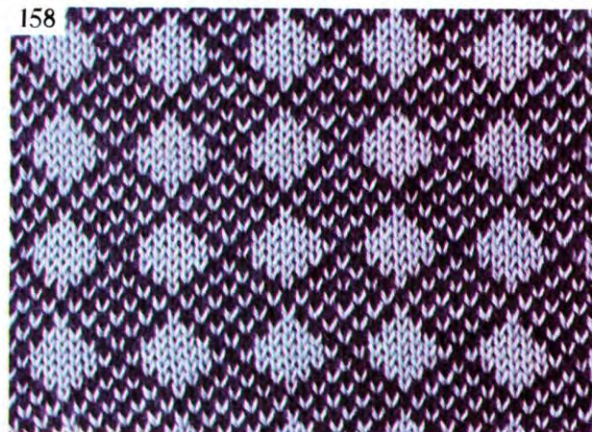
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154



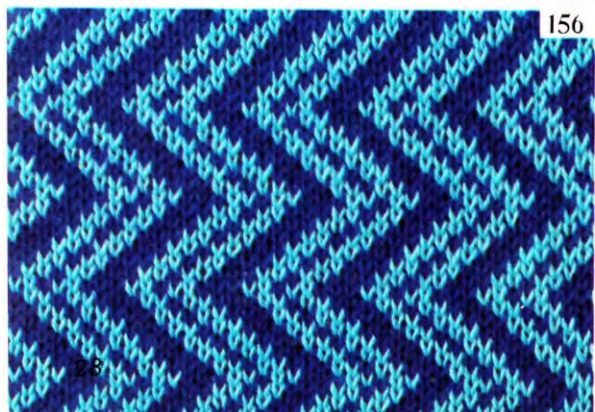
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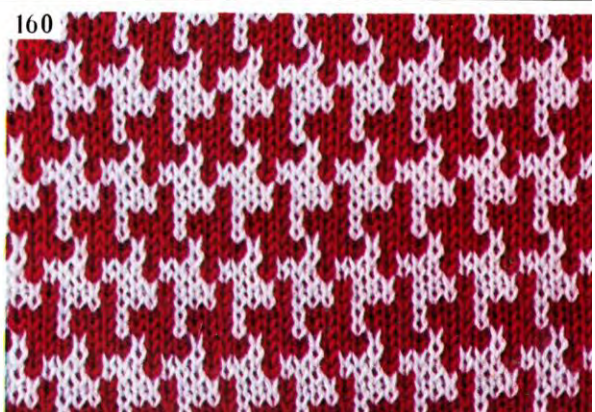
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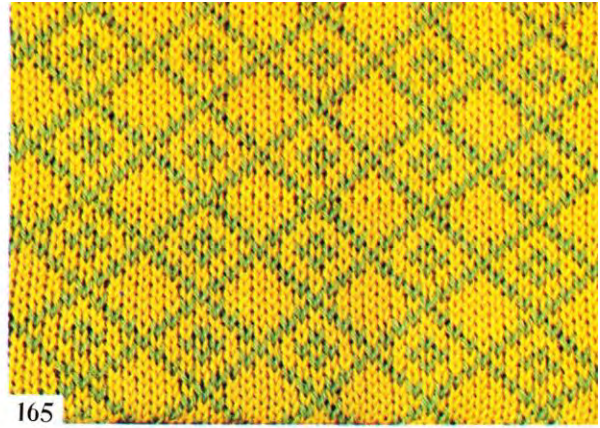
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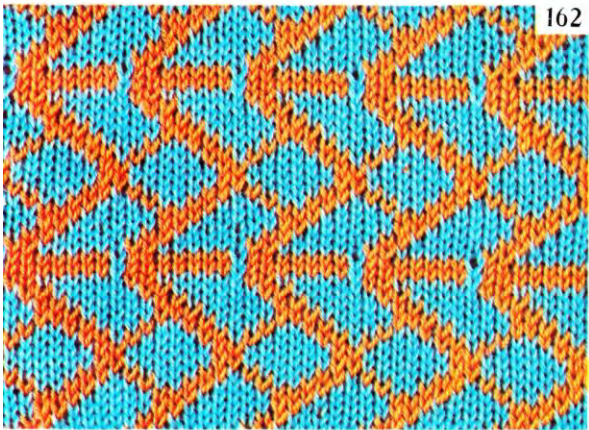
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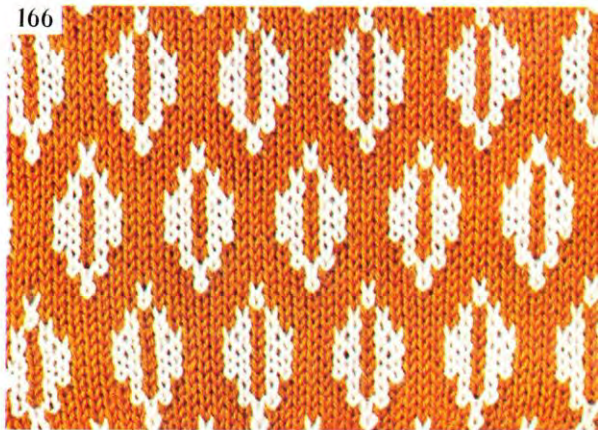
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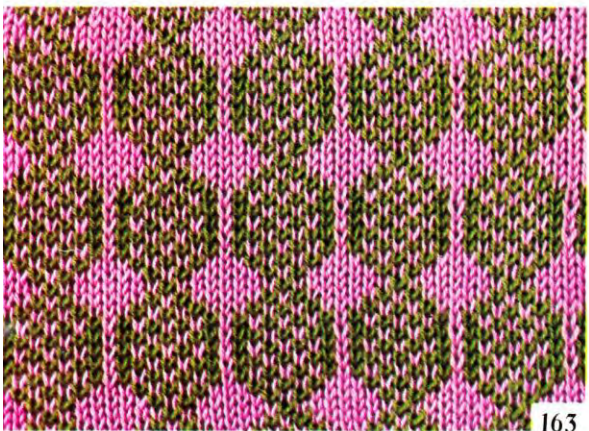
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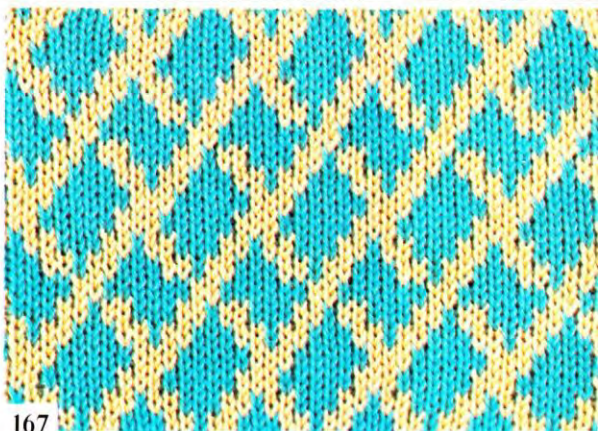
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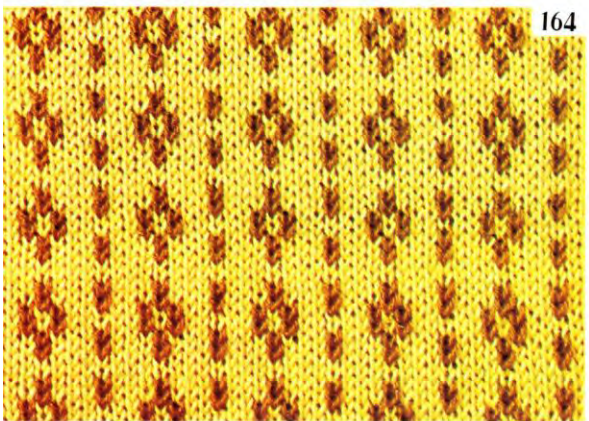
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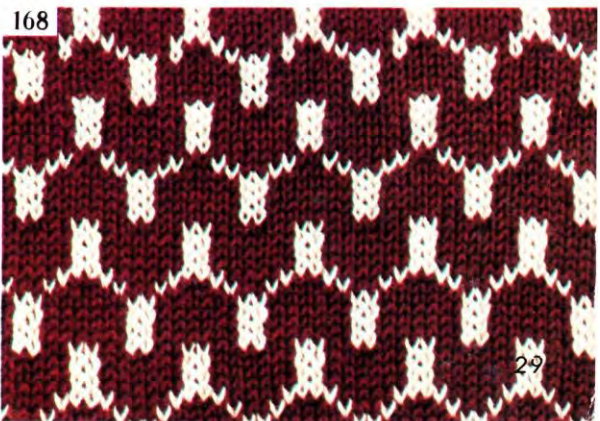
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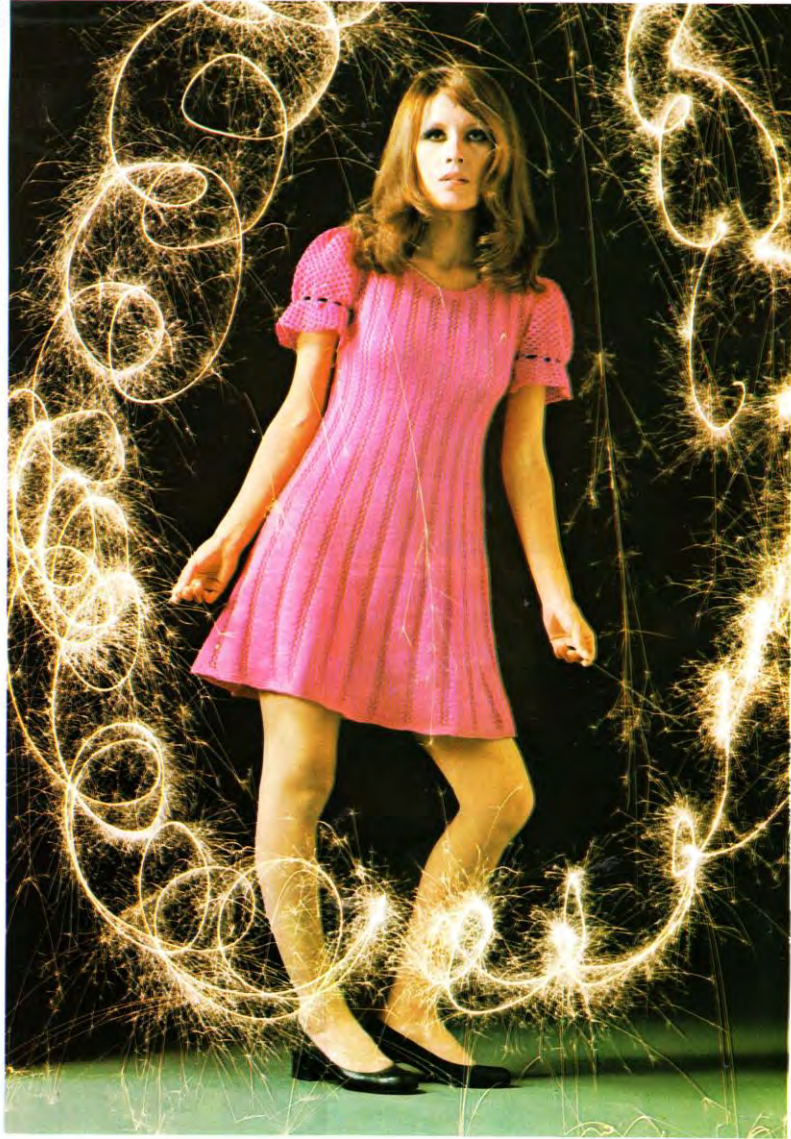
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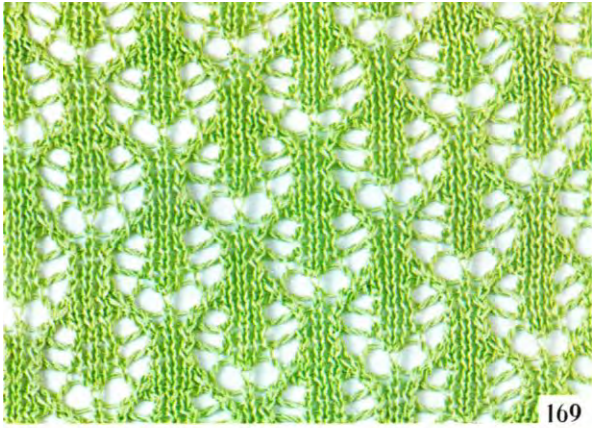
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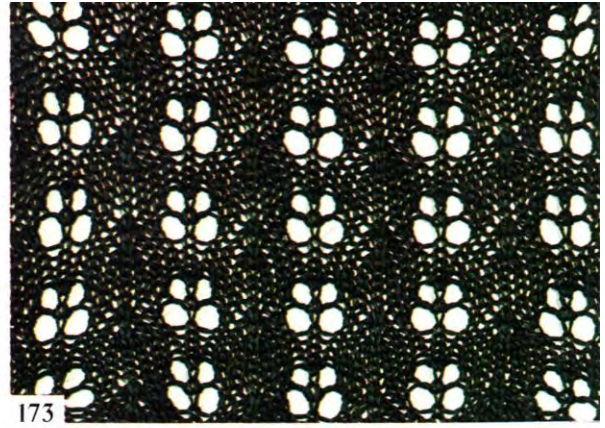
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YUKIKO HANAI



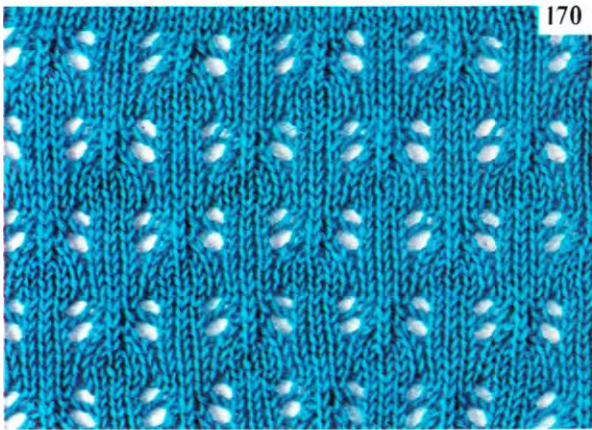
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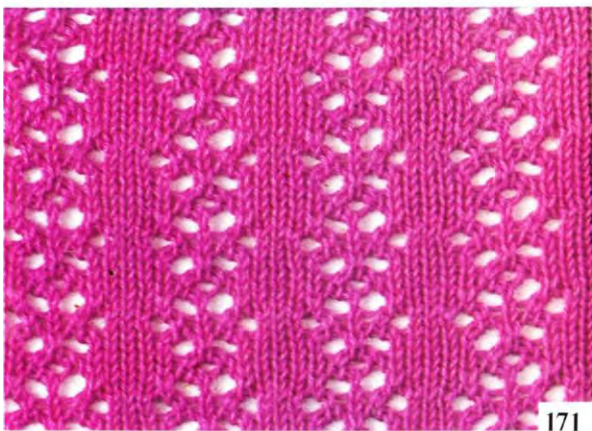
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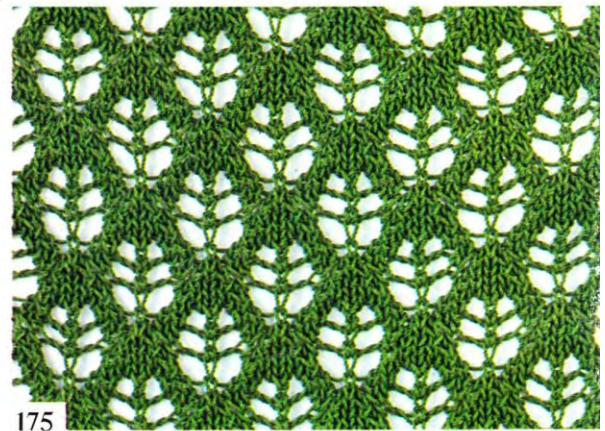
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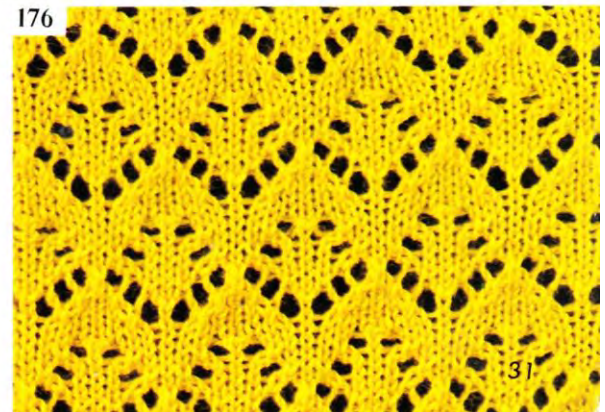
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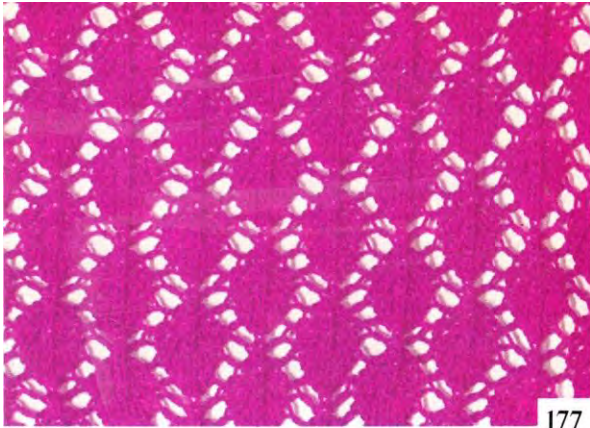
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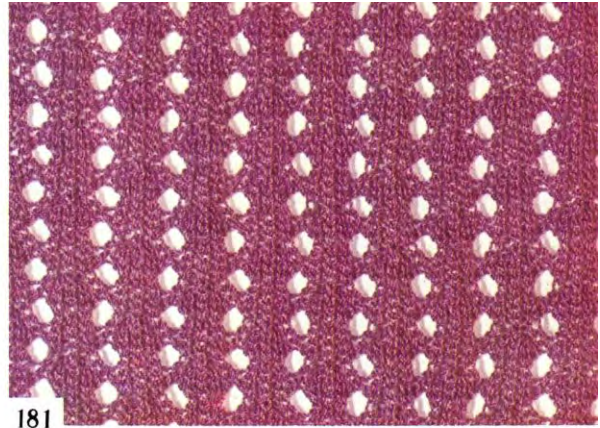
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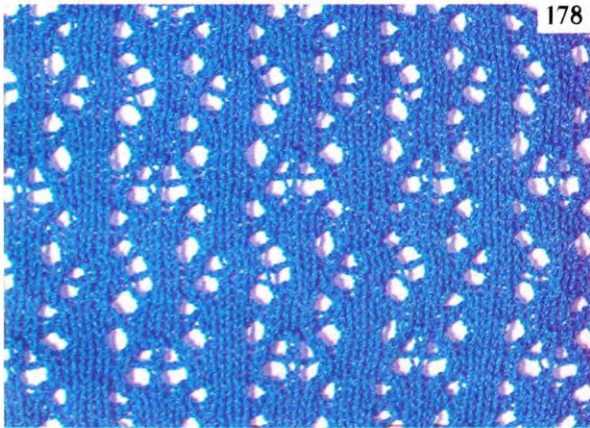
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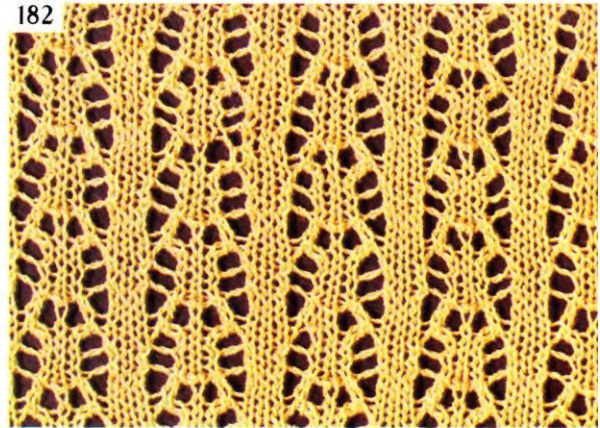
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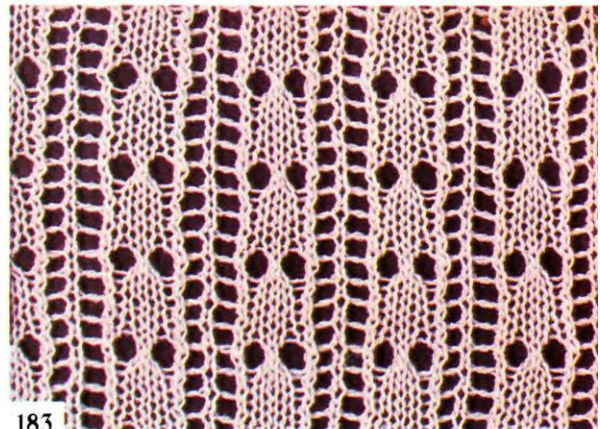
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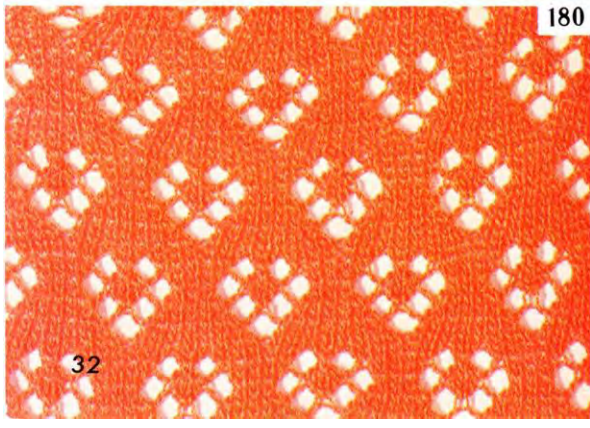
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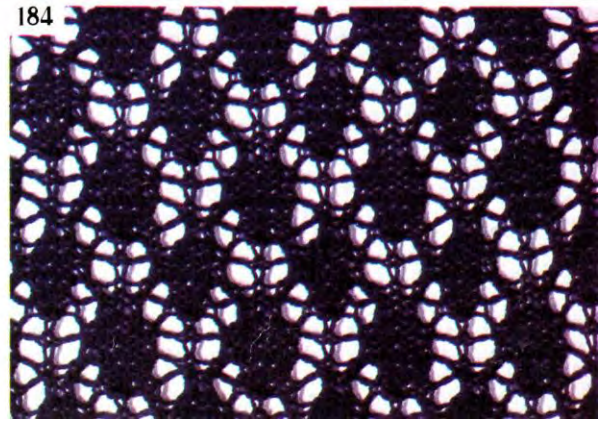
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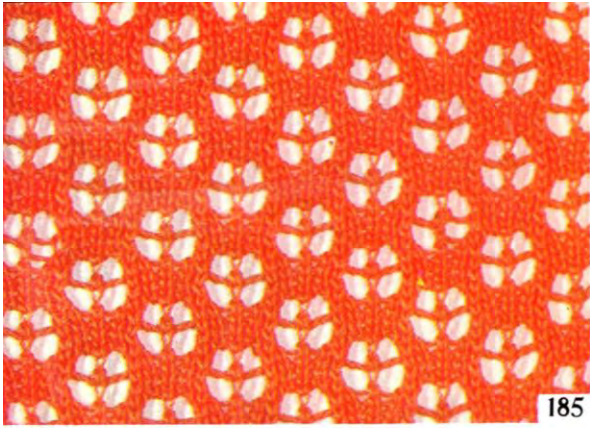
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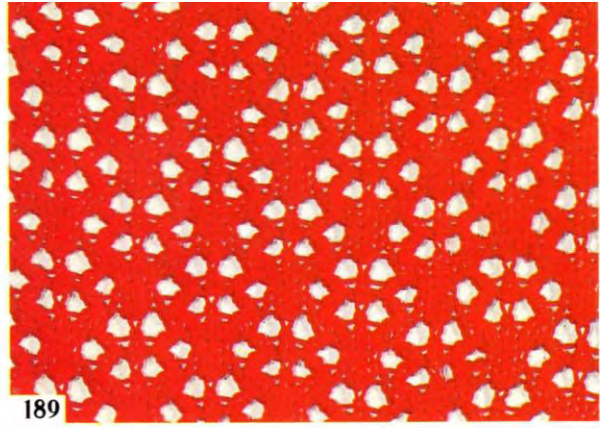
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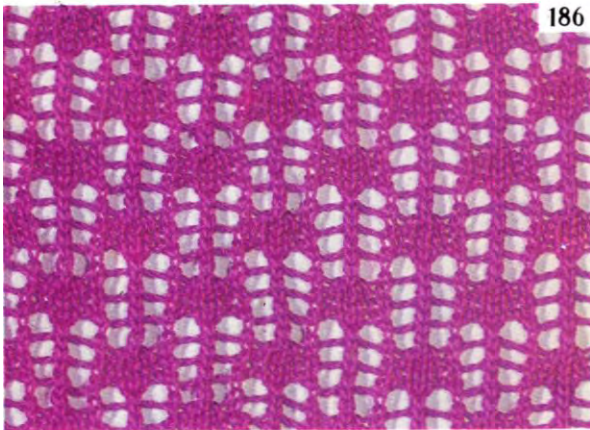
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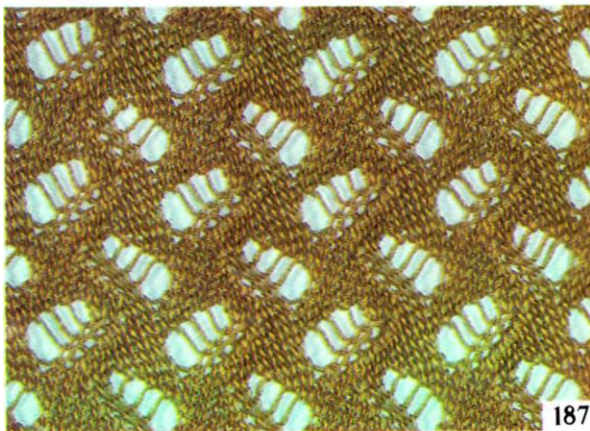
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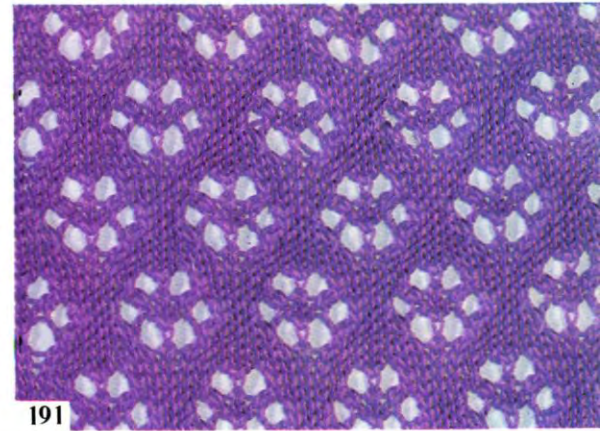
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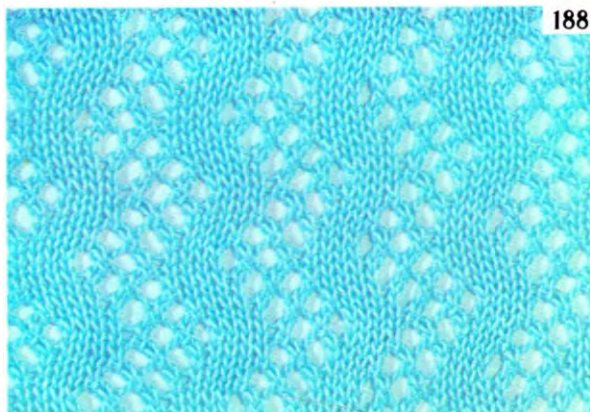
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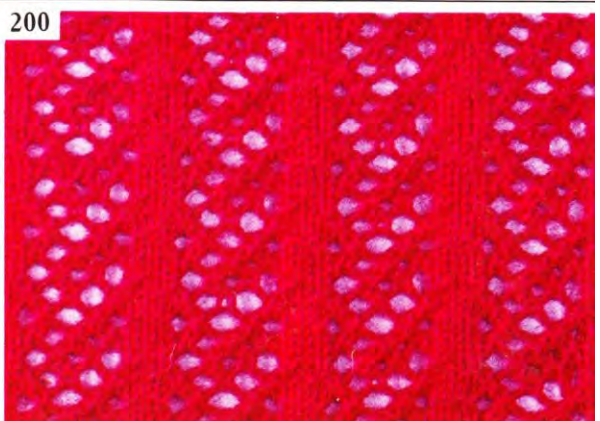
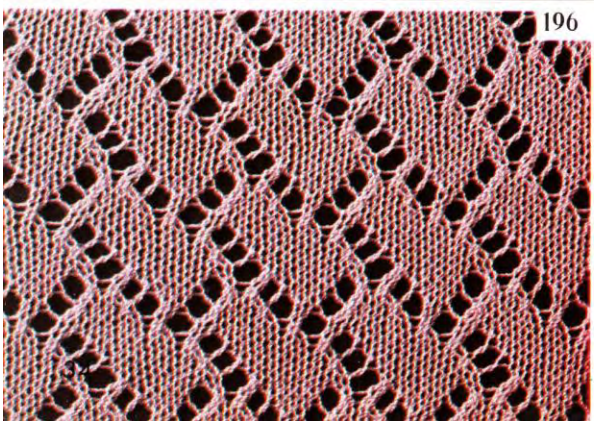
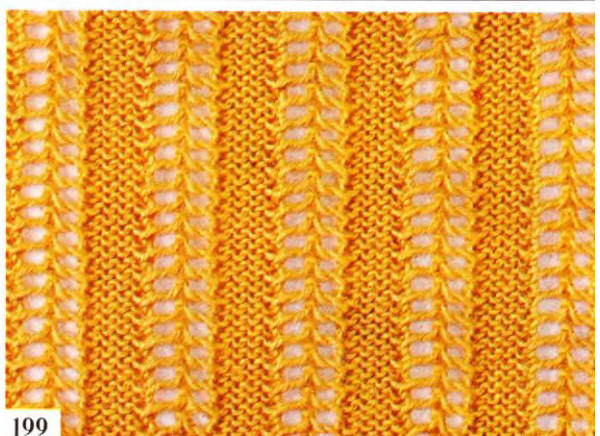
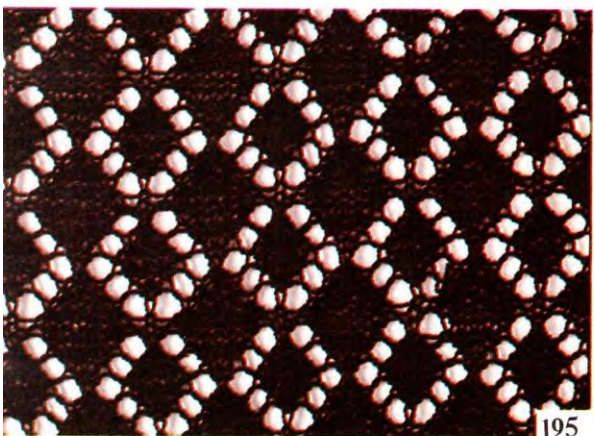
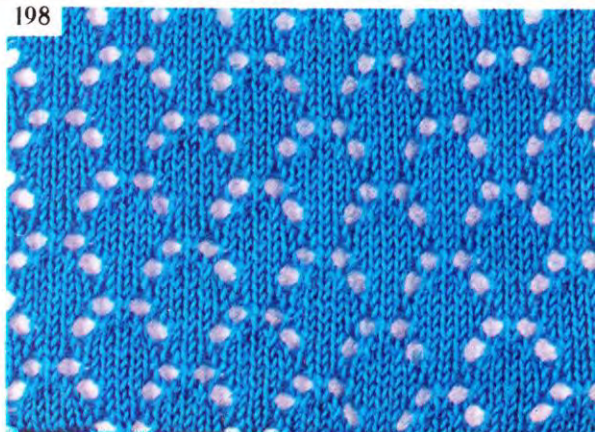
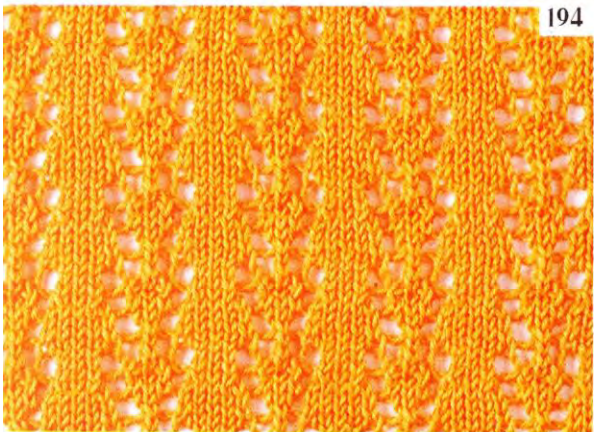
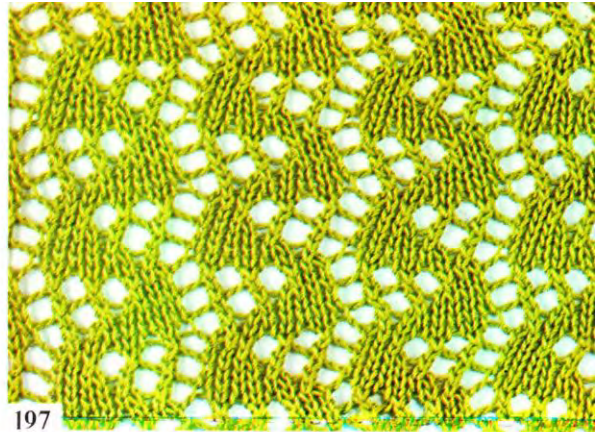
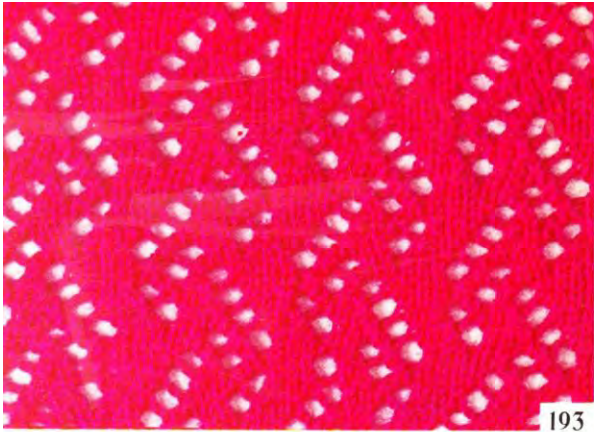
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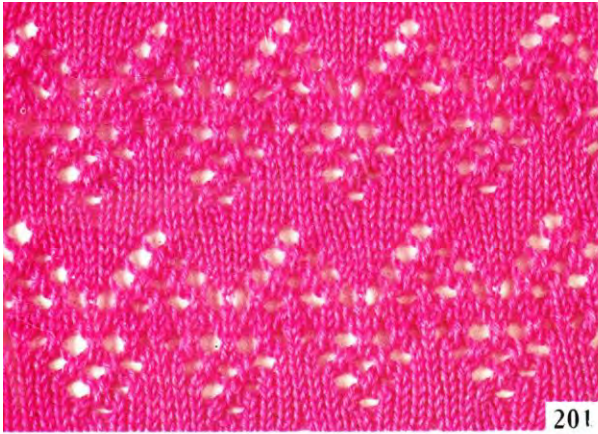


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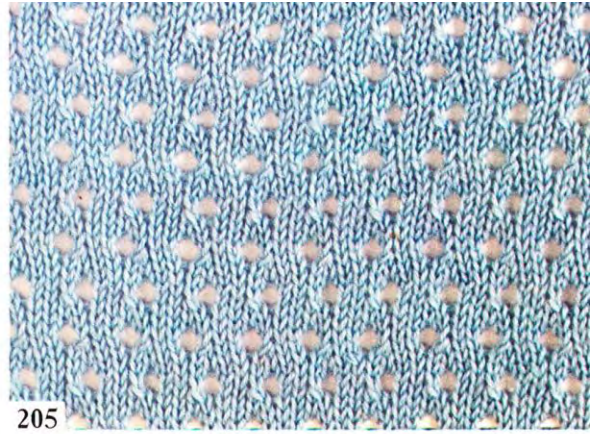


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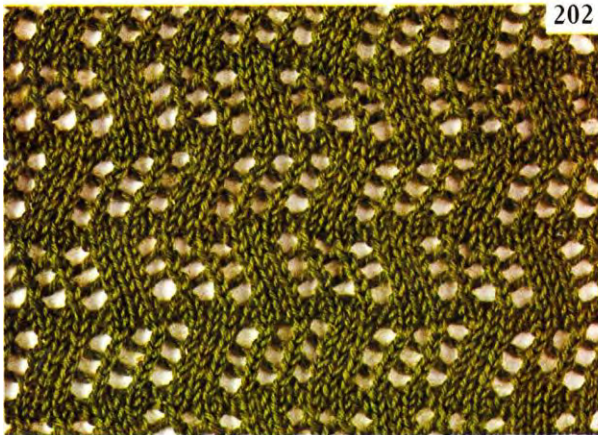




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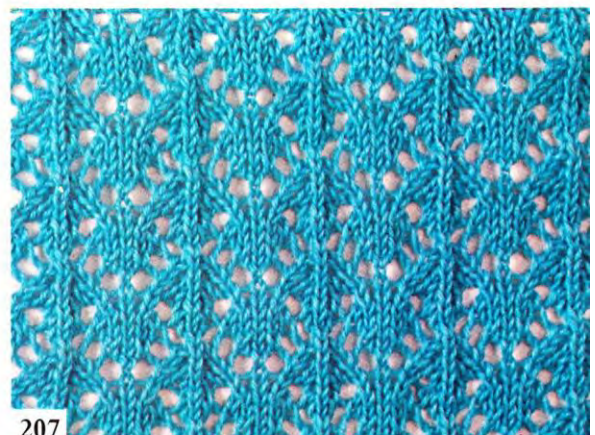
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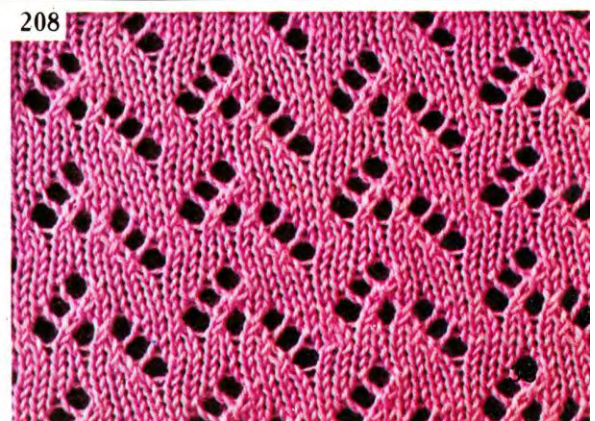
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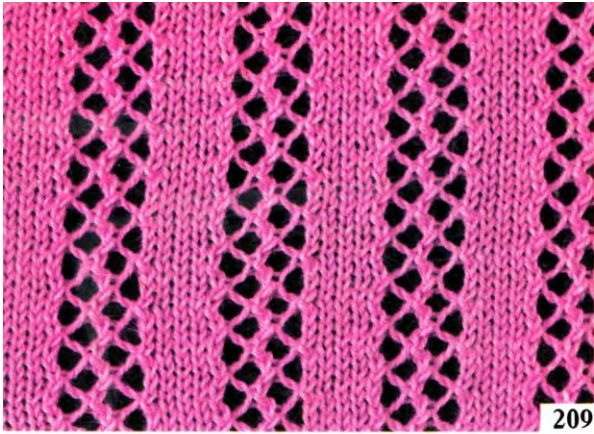
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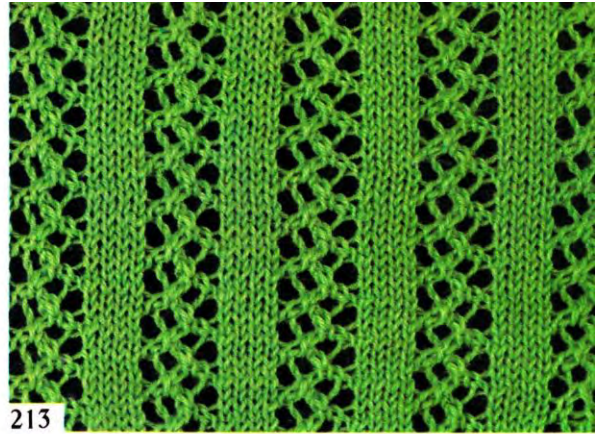
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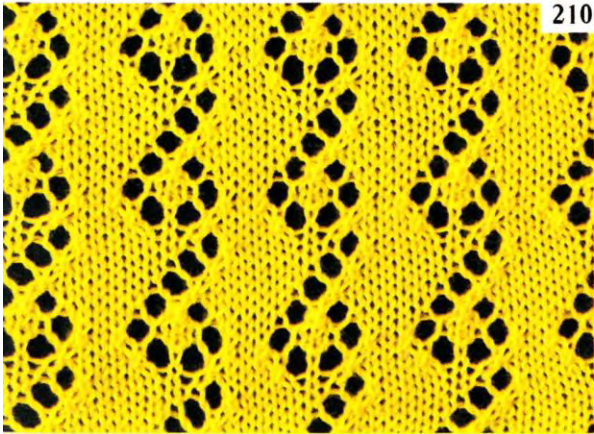
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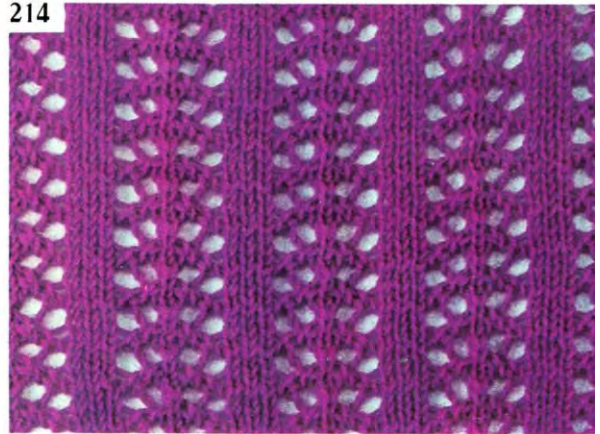
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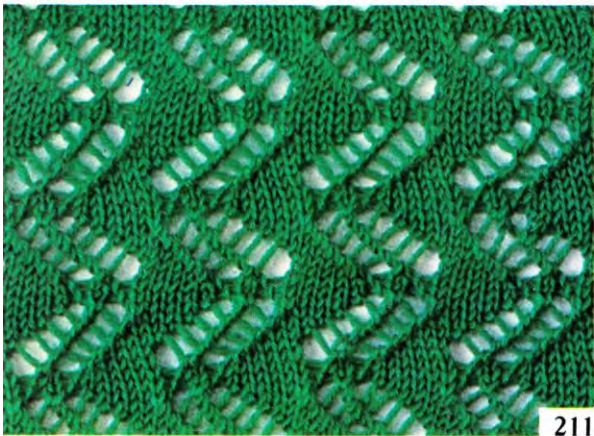
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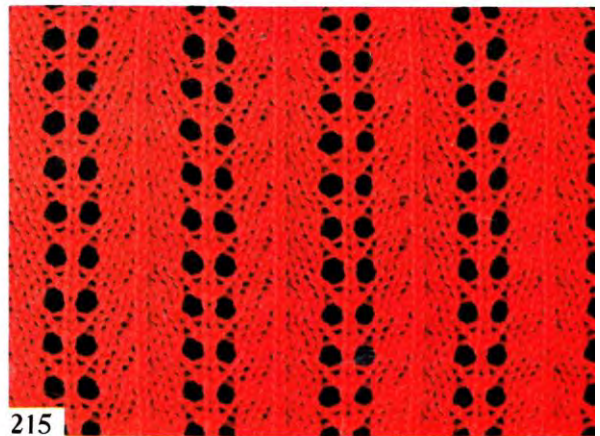
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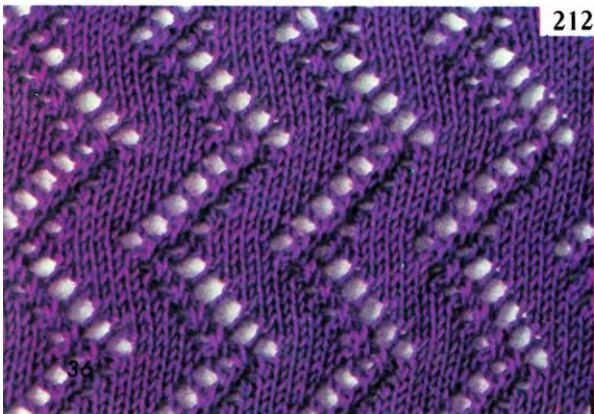
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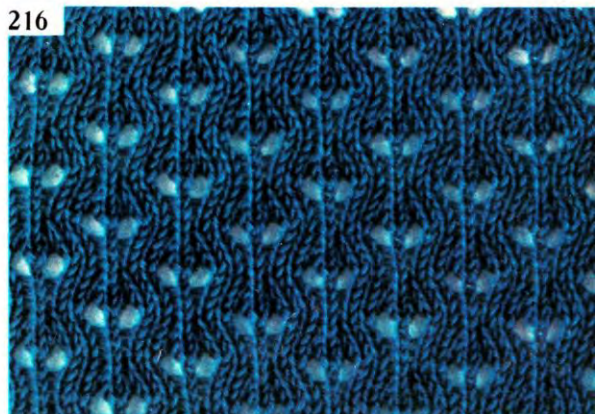
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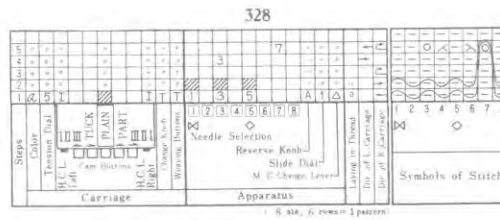
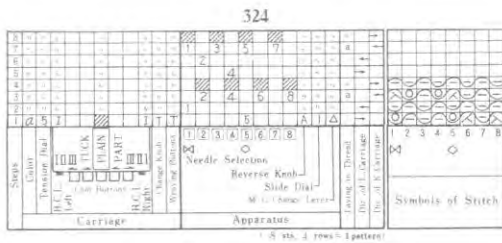
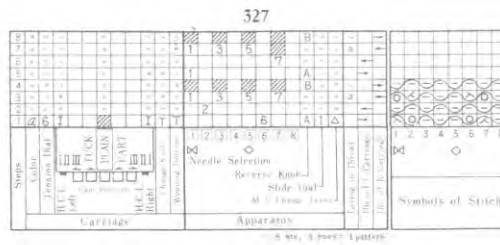
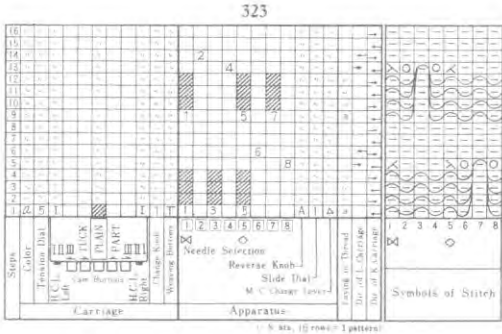
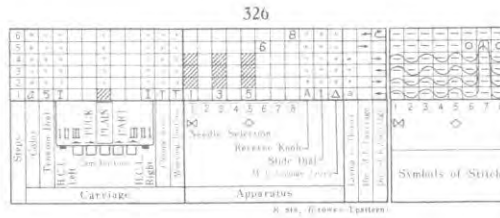
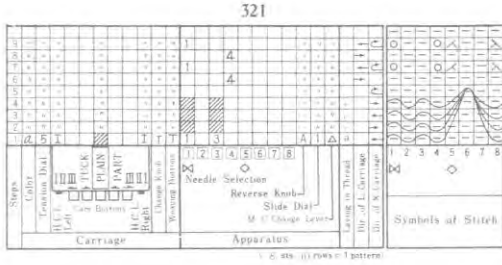


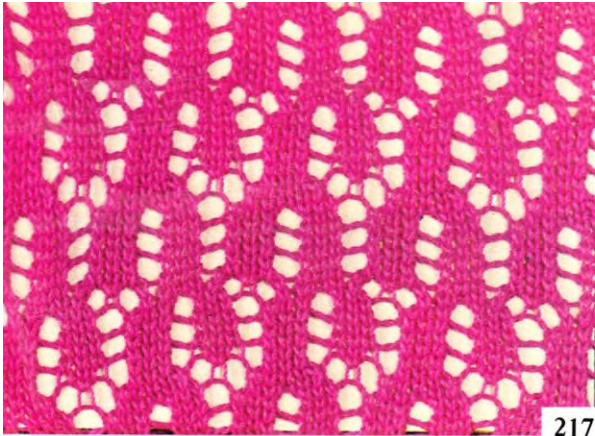
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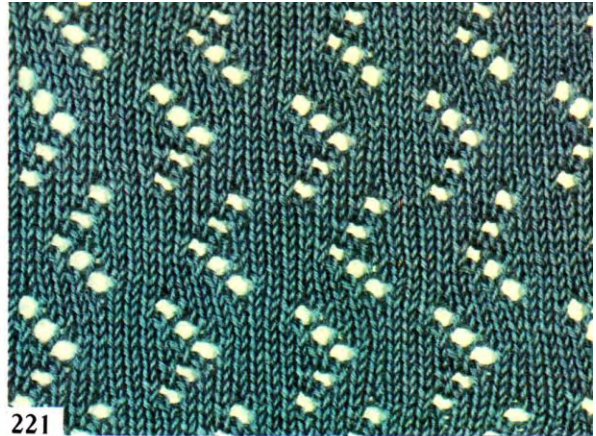
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DIAGRAMS FOR WOVEN-LACE PATTERN STITCHES

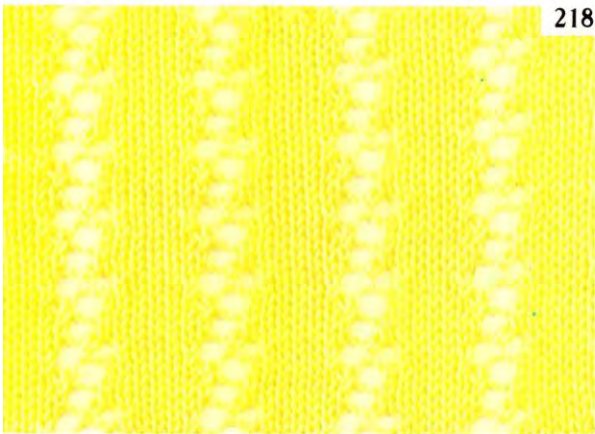




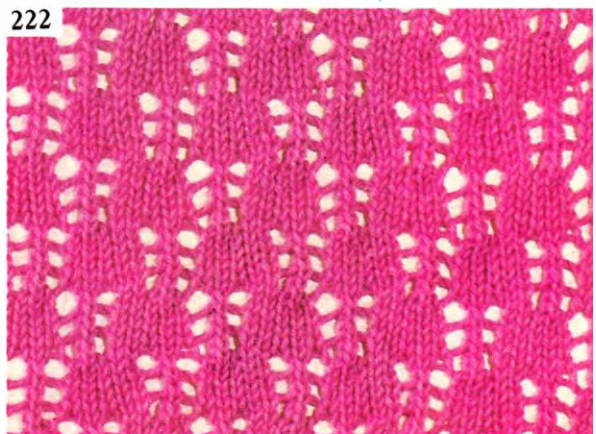
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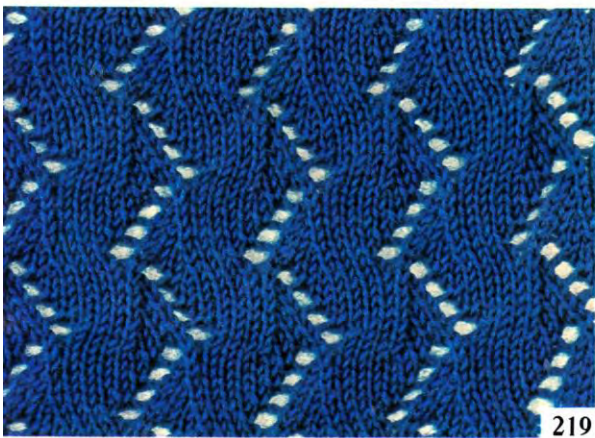
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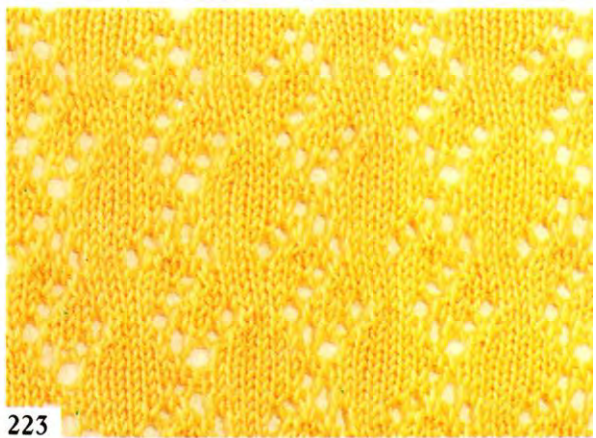
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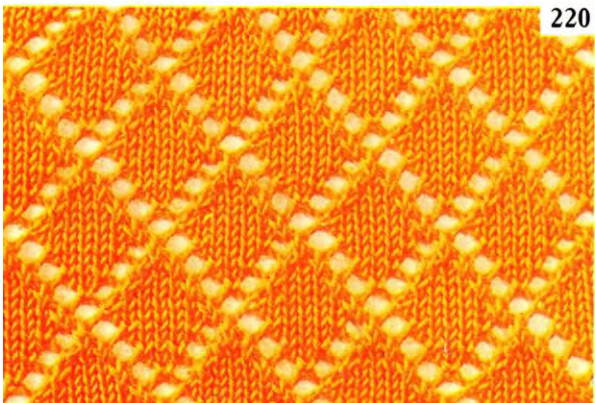
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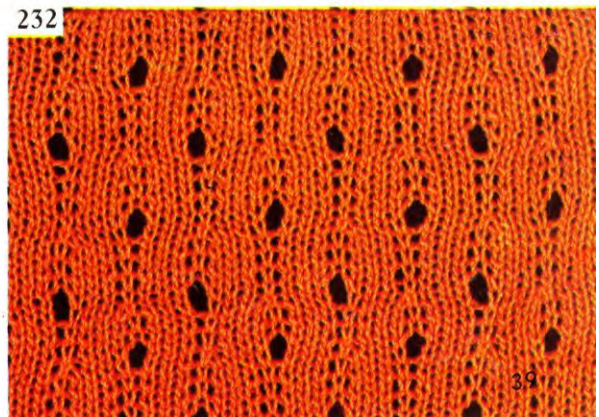
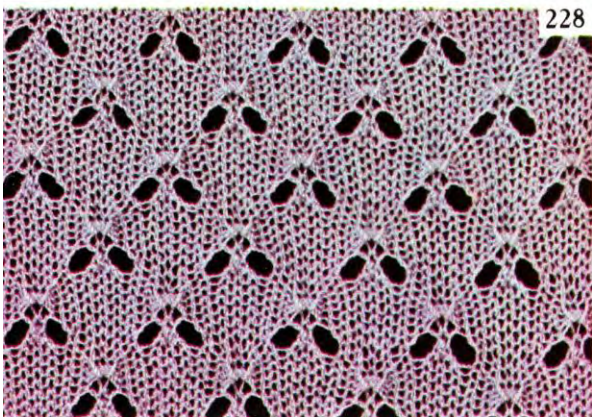
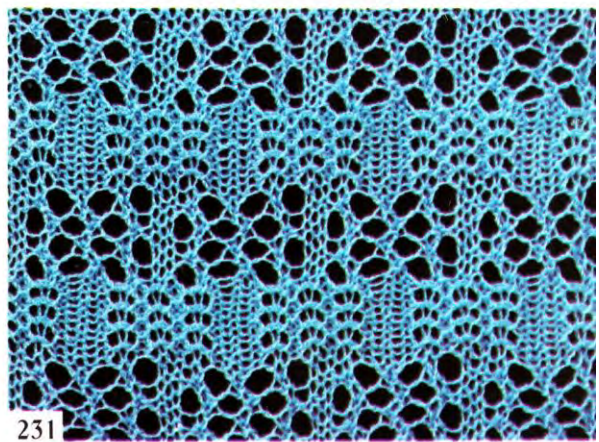
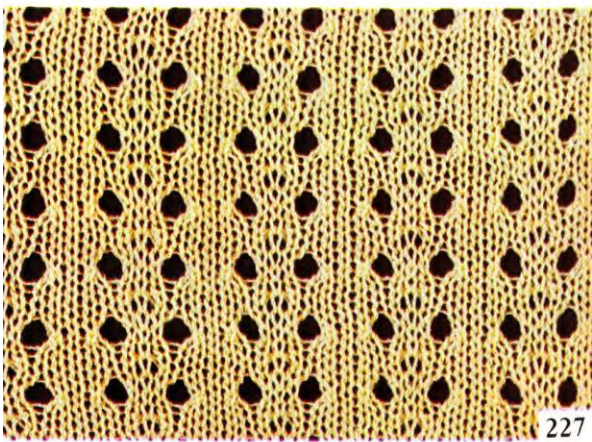
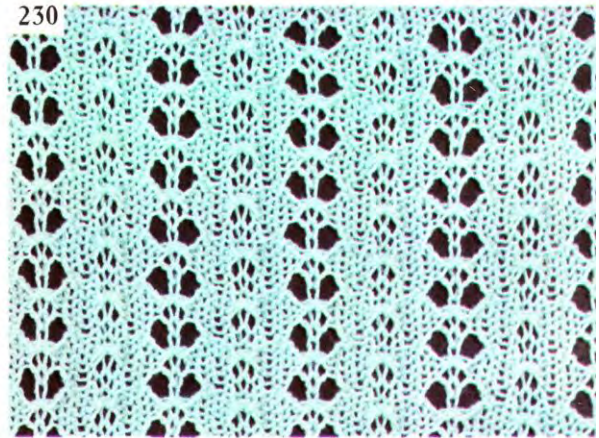
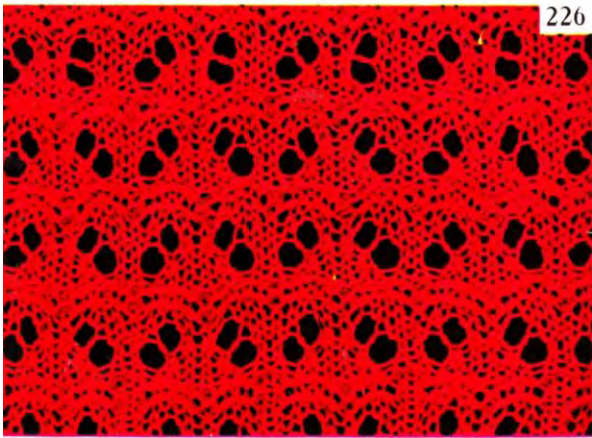
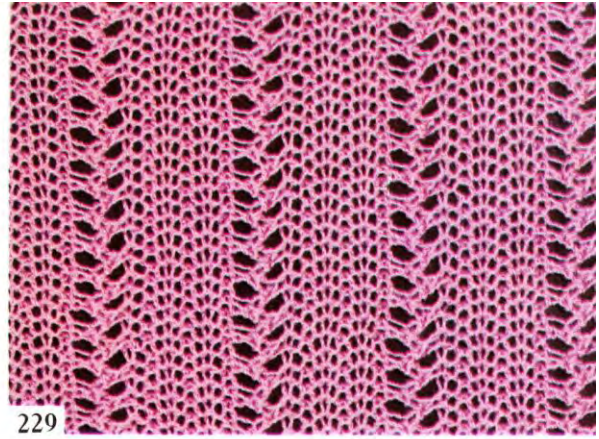
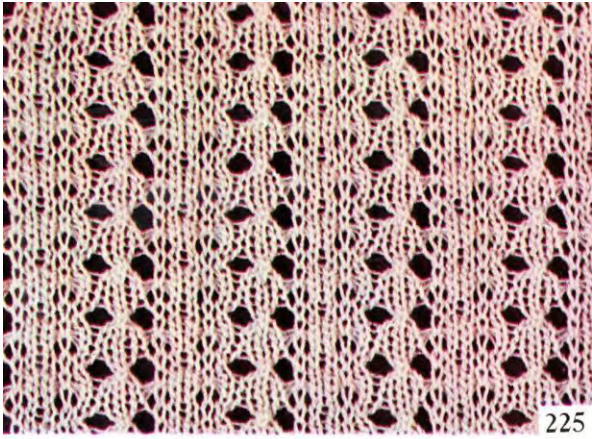
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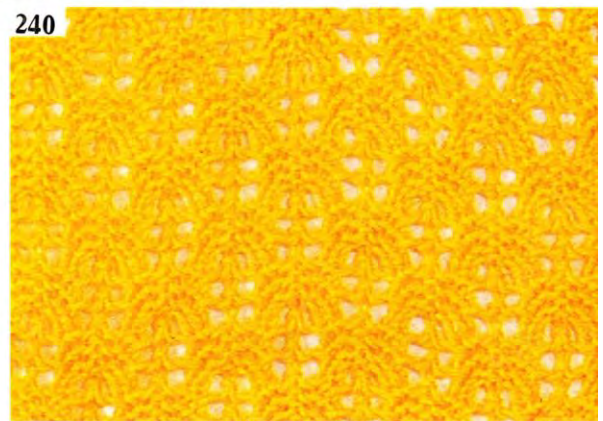
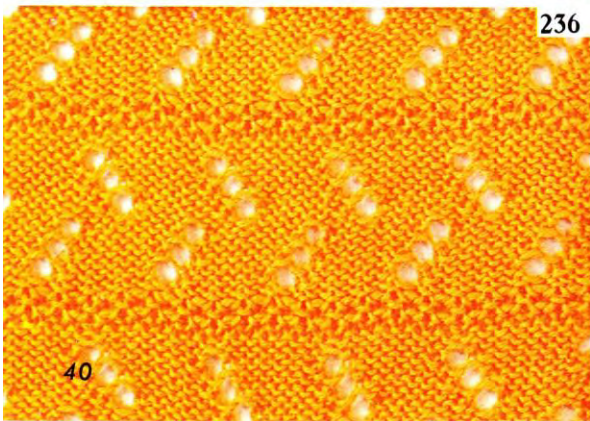
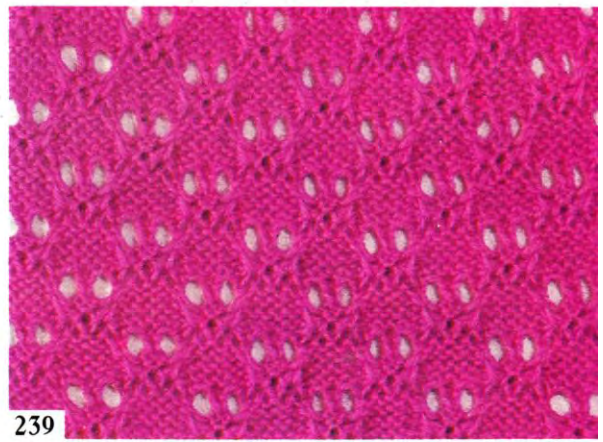
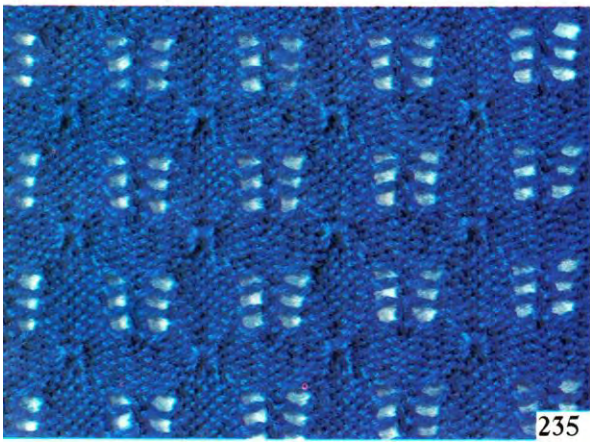
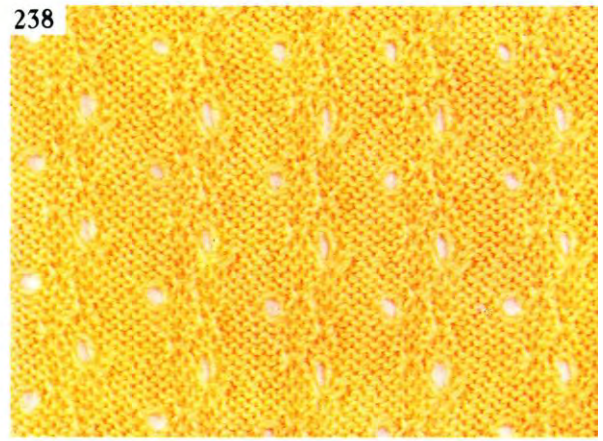
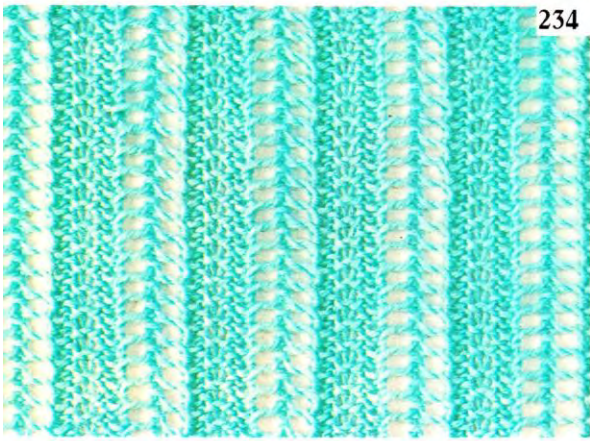
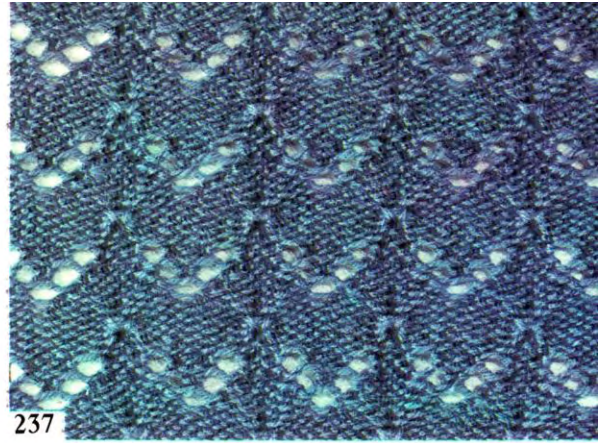
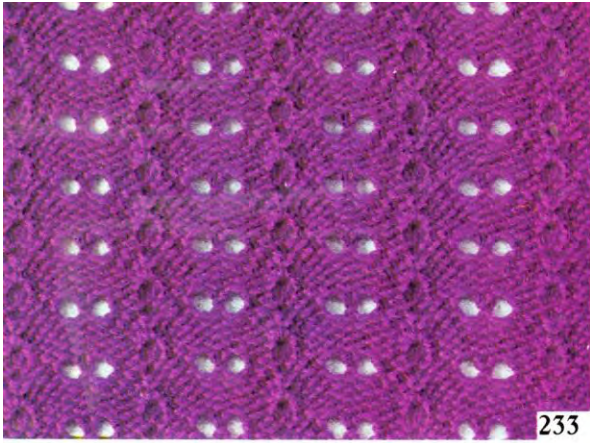
PULL-UP LACE

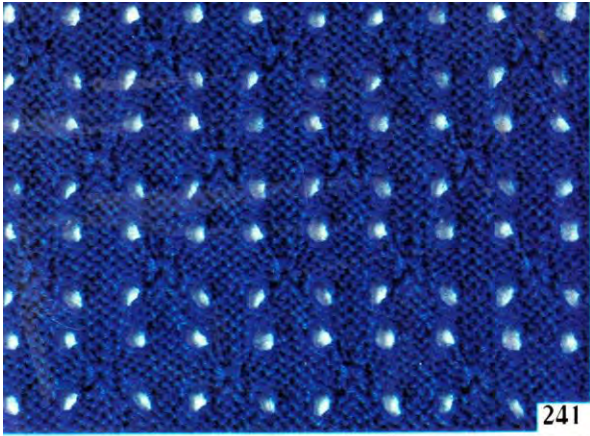


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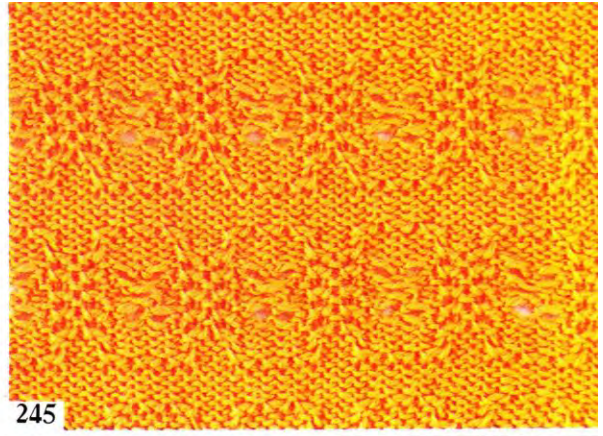
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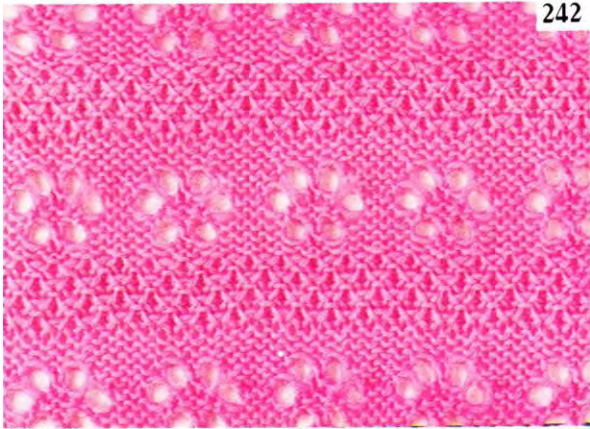




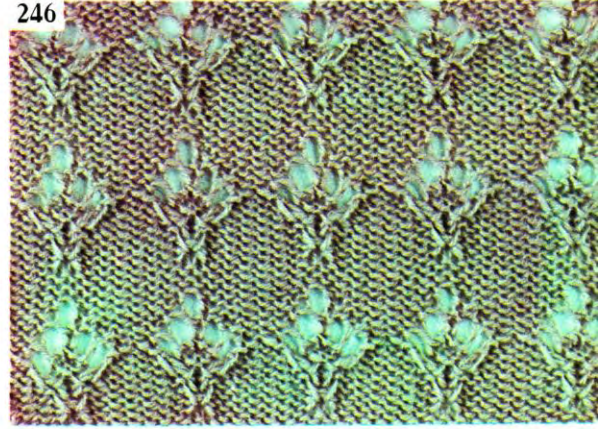
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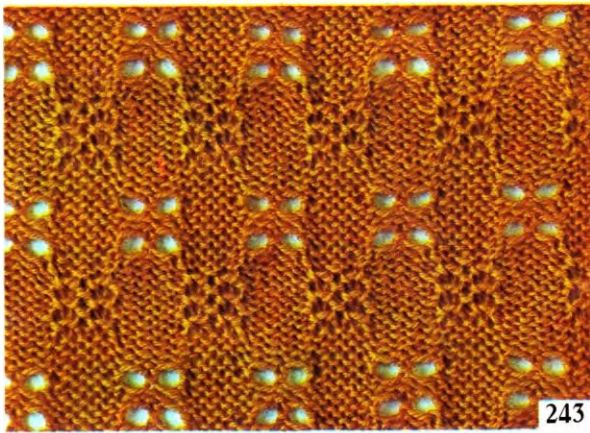
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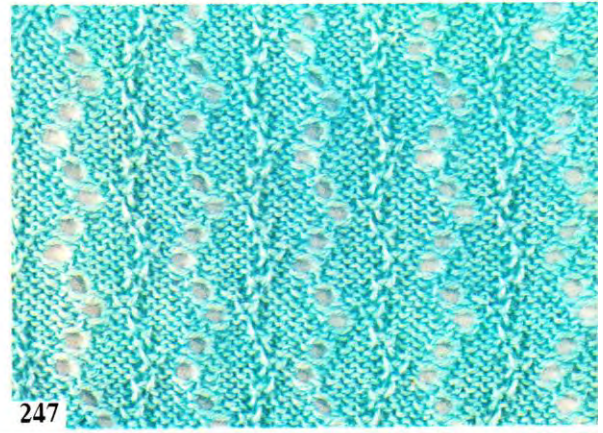
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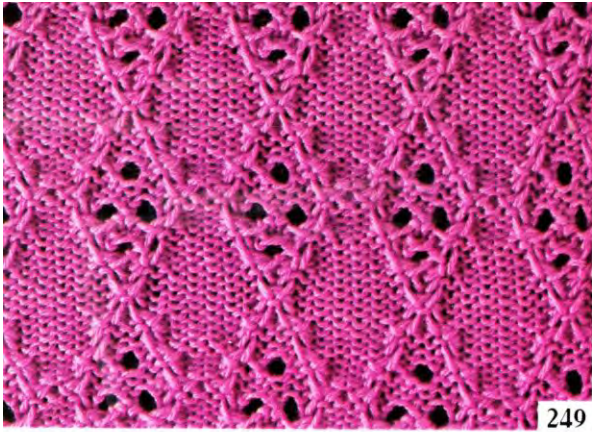
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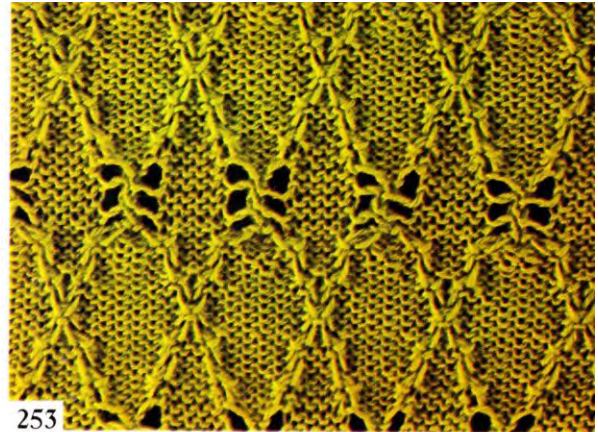
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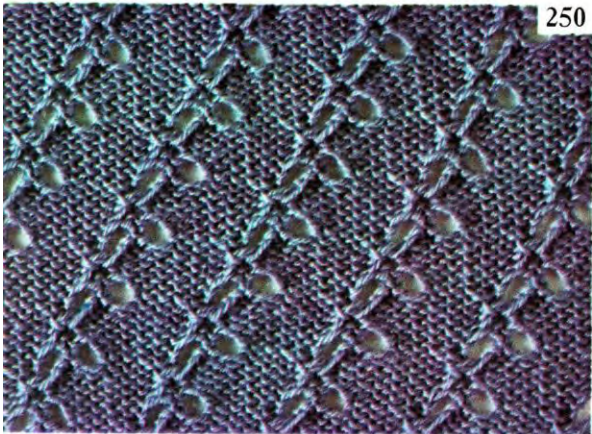
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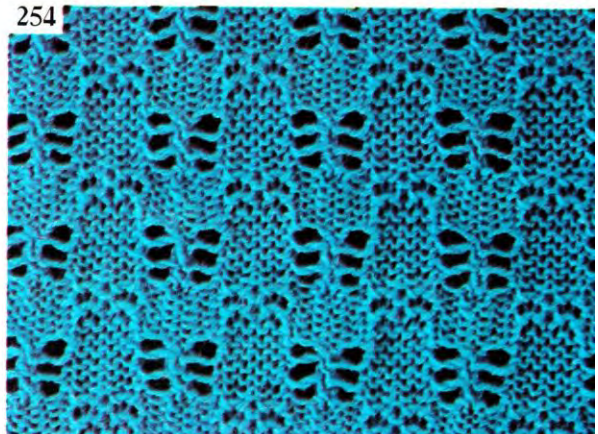
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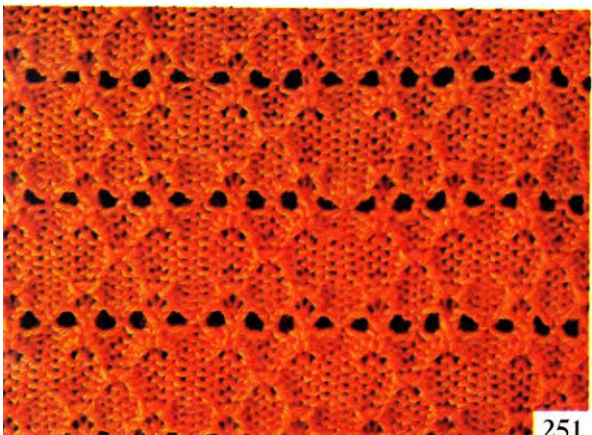
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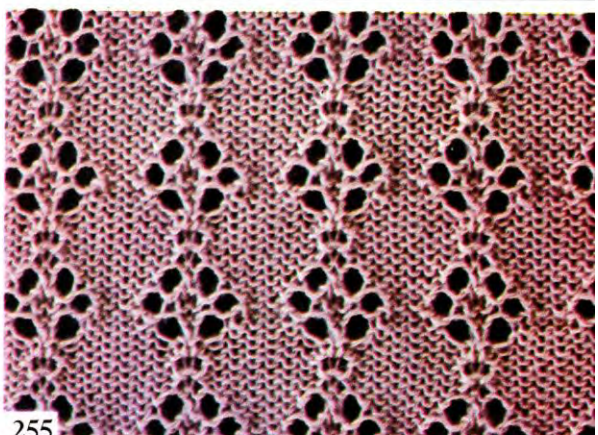
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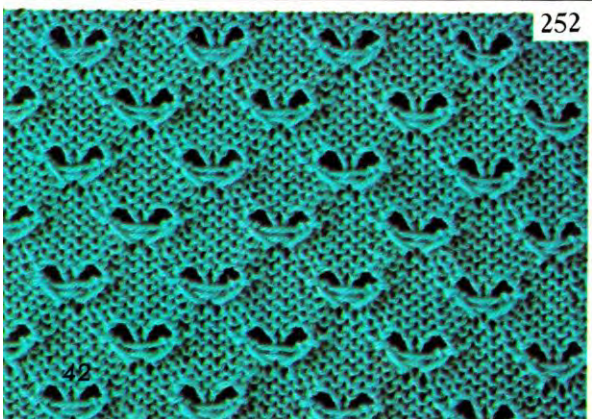
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255

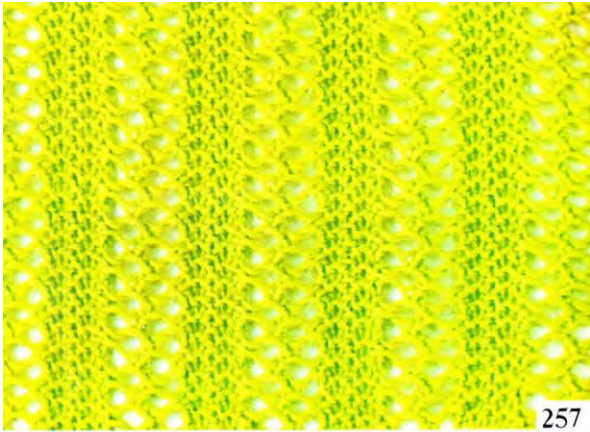


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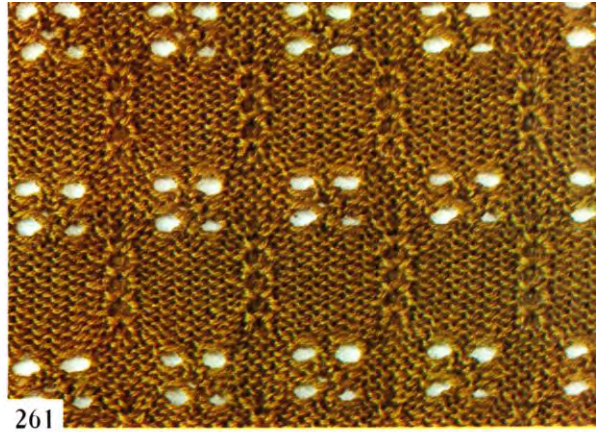
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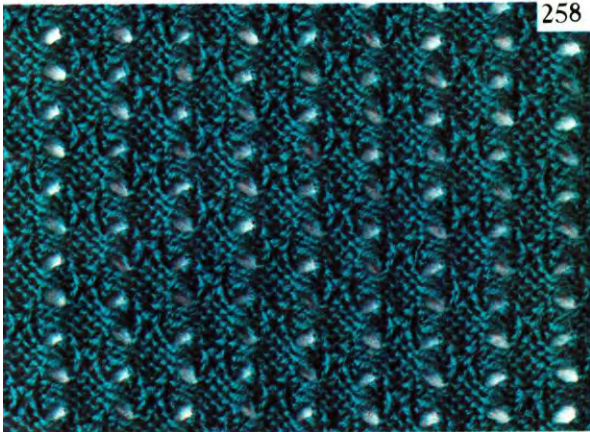
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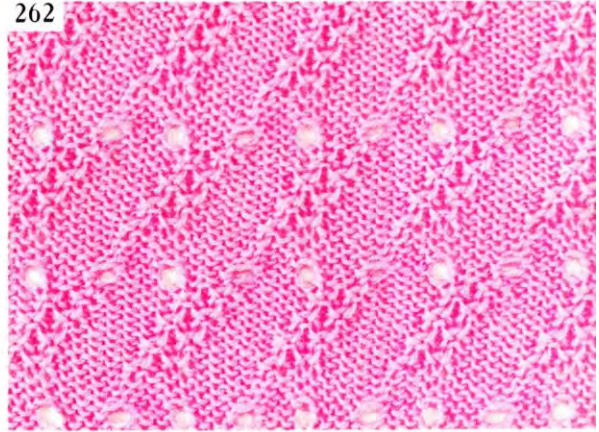
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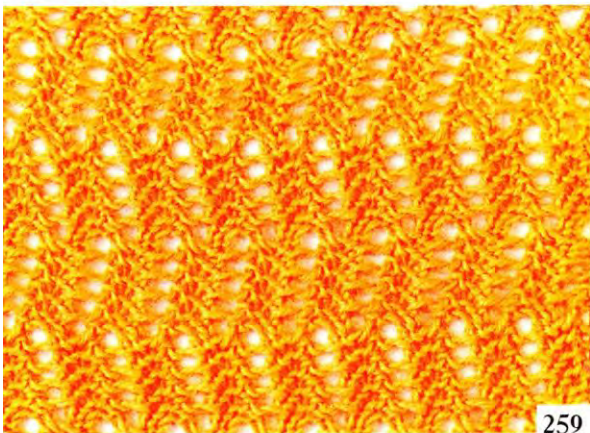
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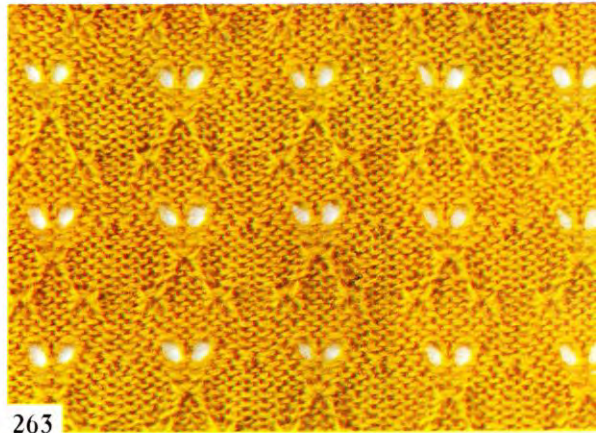
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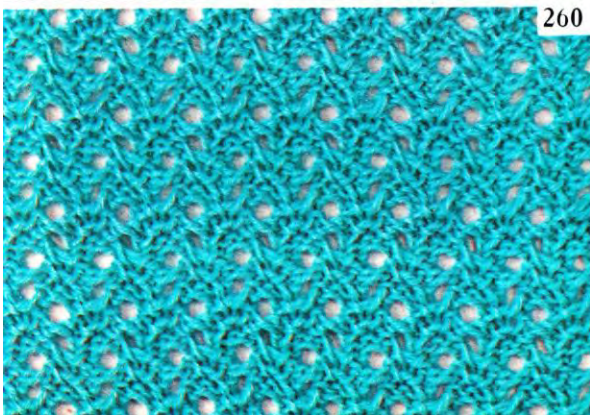
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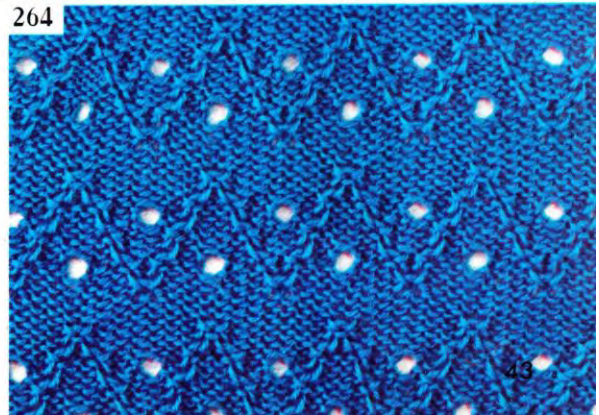
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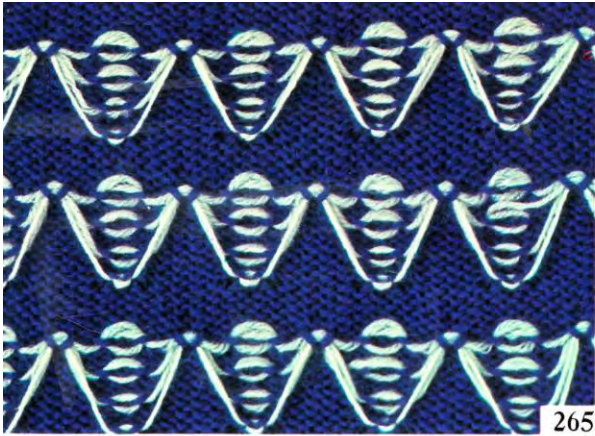
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WEAVING
THREAD

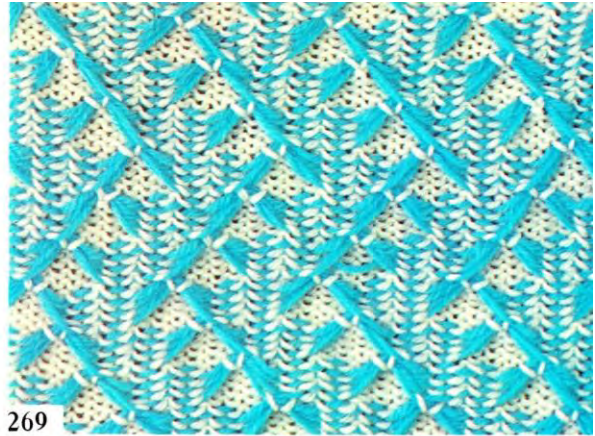
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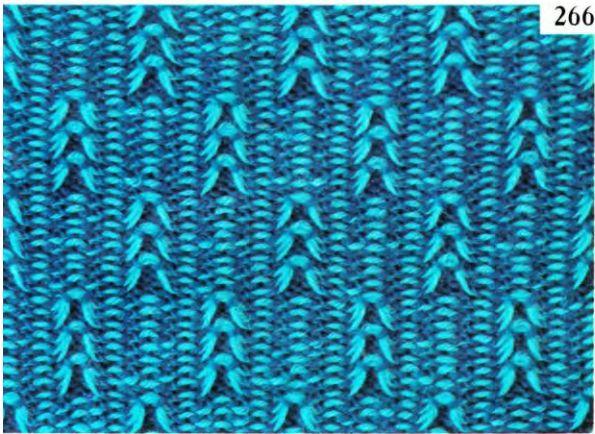
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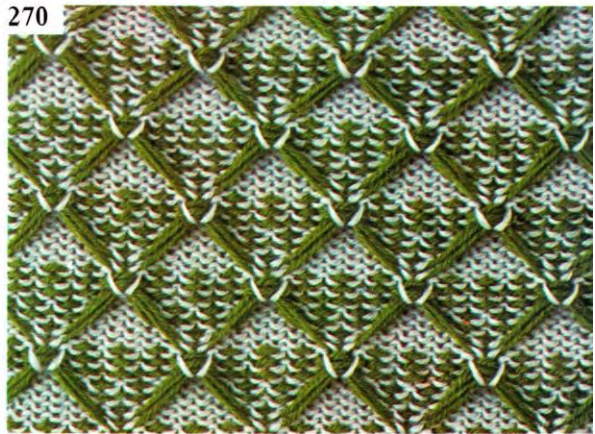
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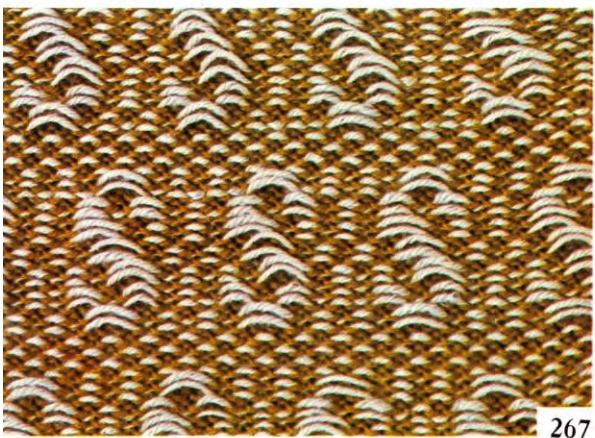
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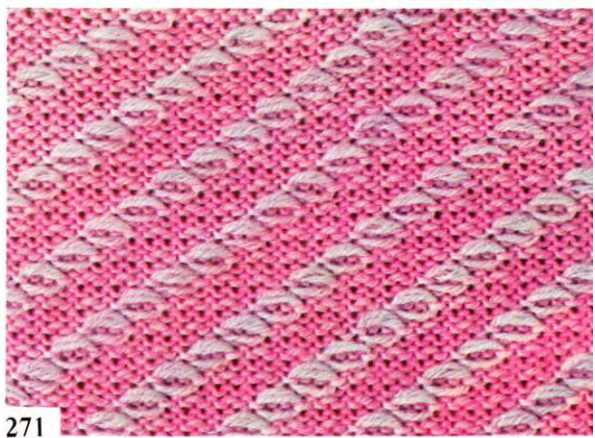
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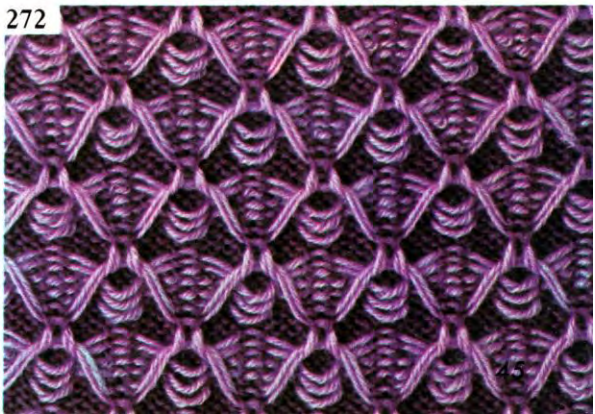
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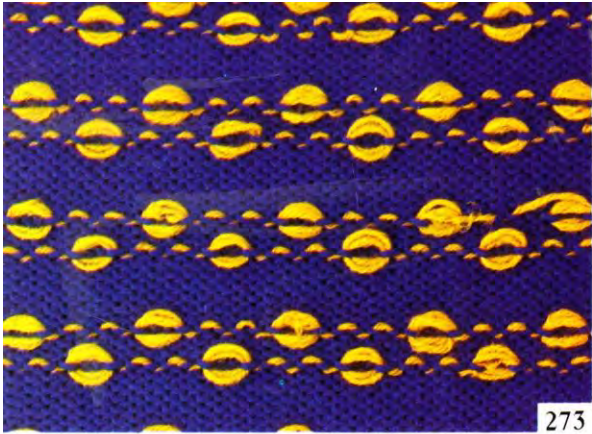
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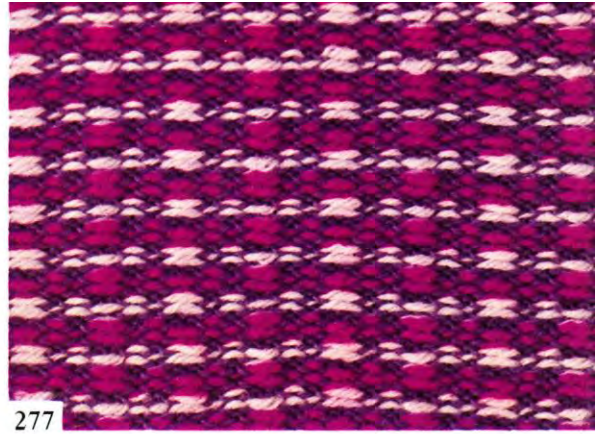
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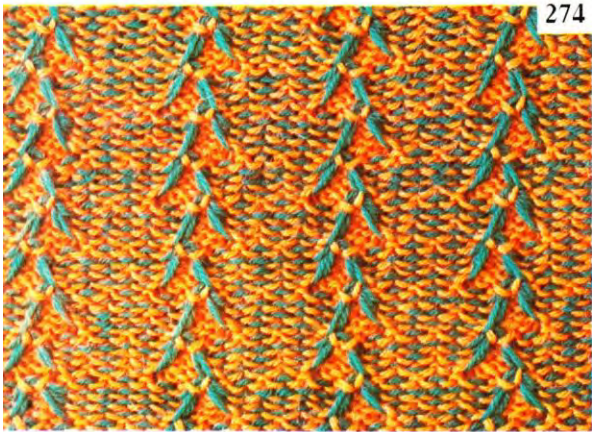
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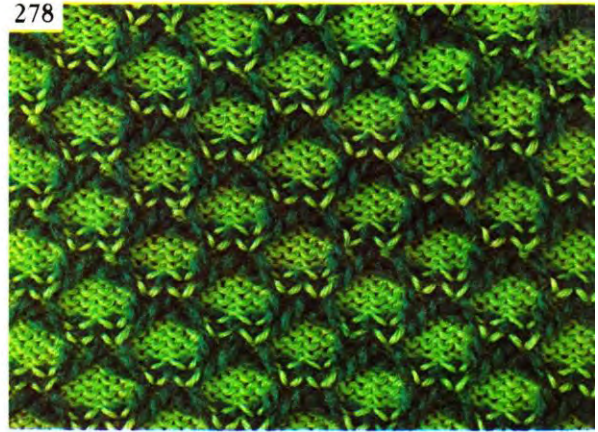
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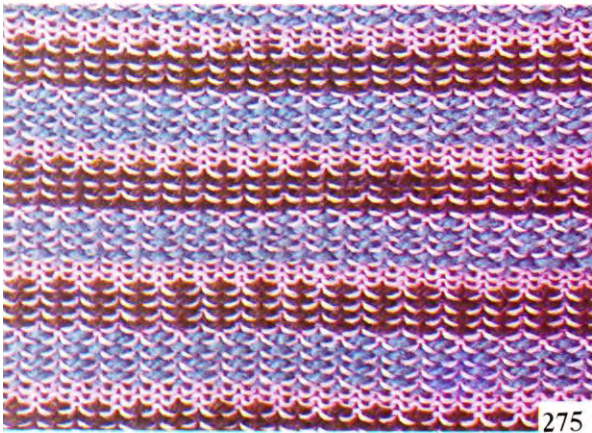
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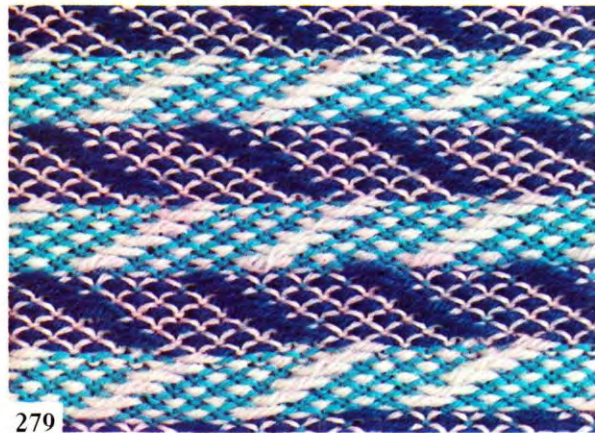
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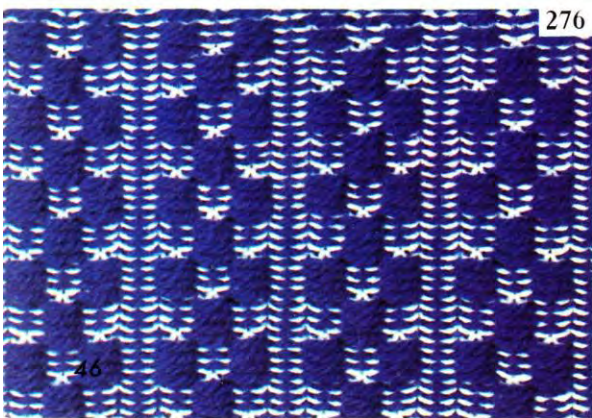
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275



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276

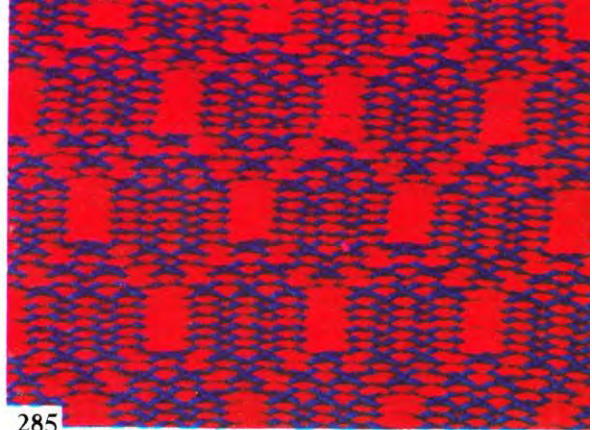
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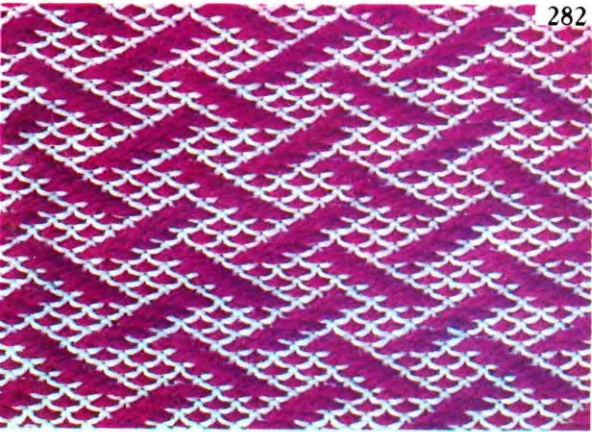
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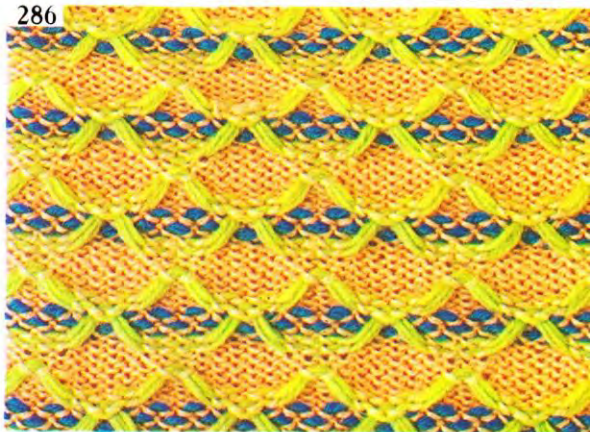
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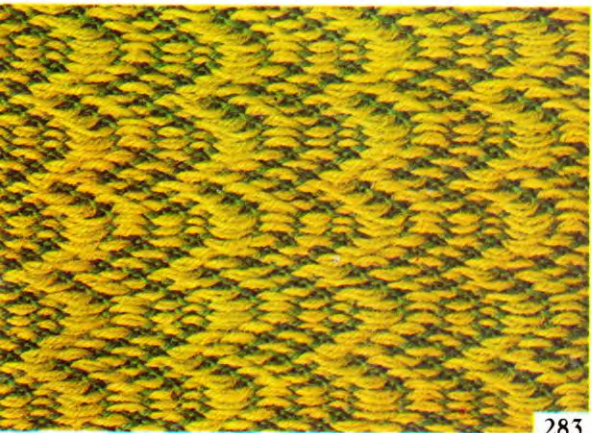
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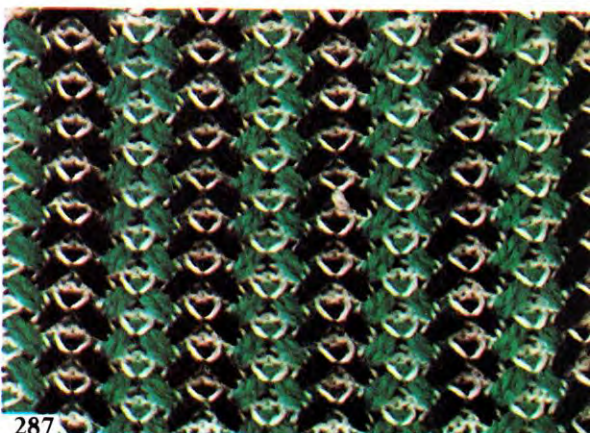
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283



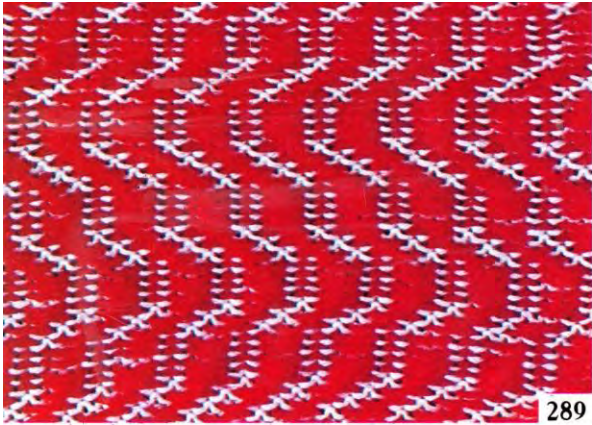
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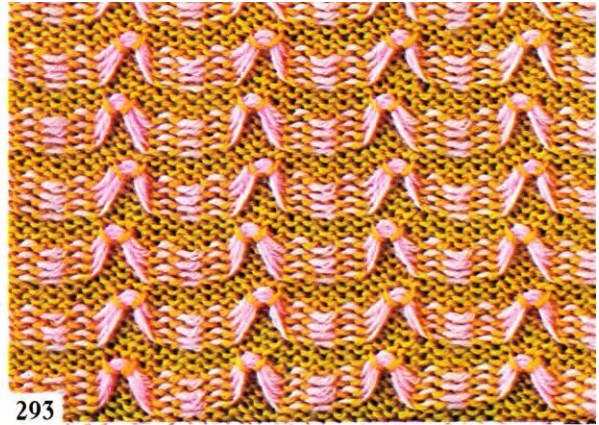
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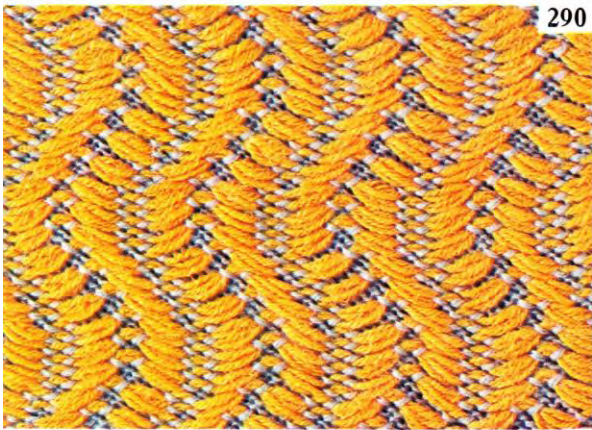
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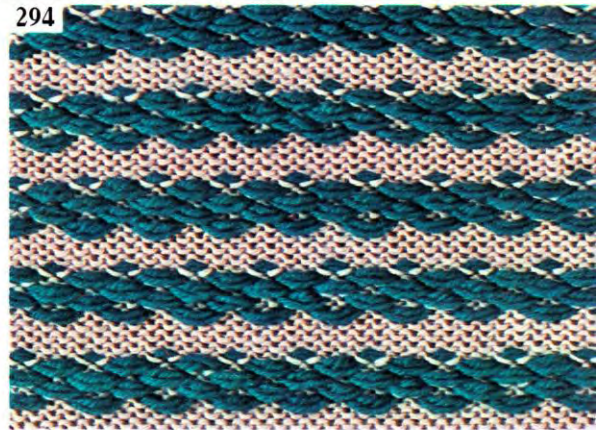
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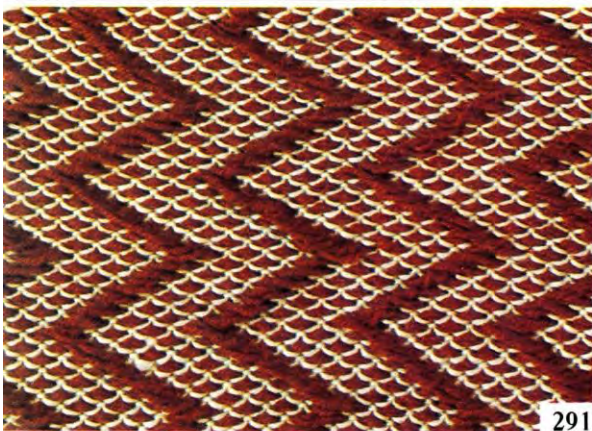
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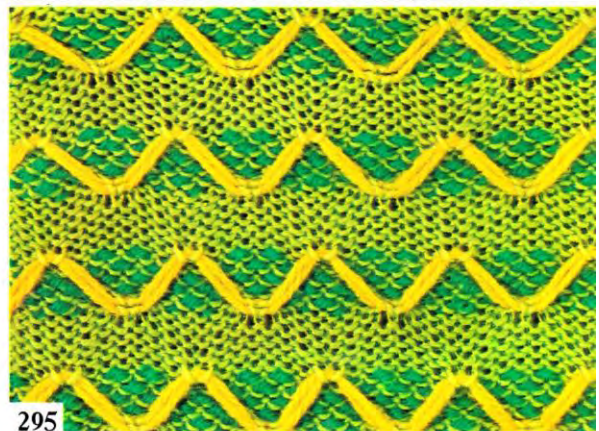
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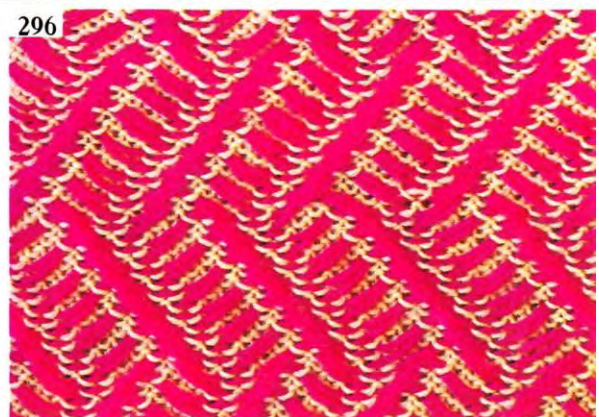
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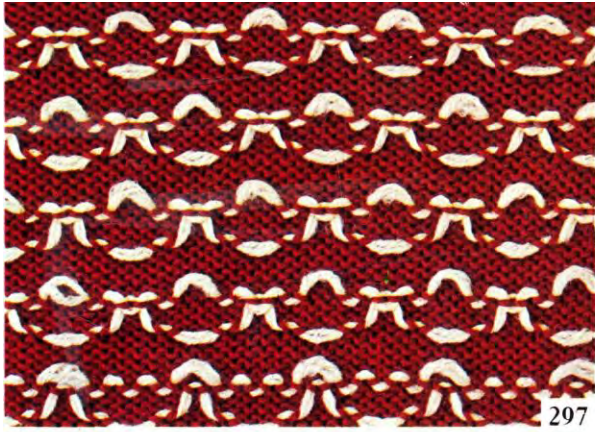
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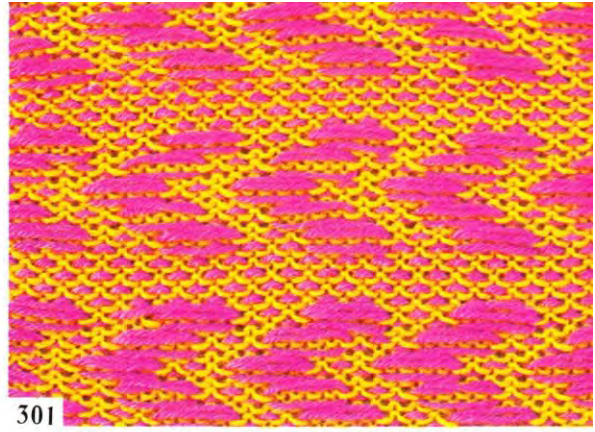
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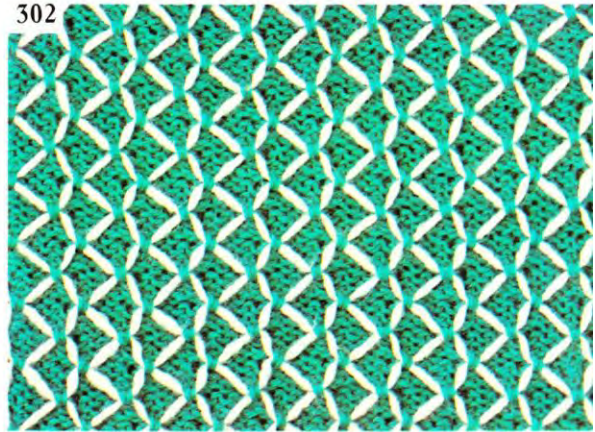
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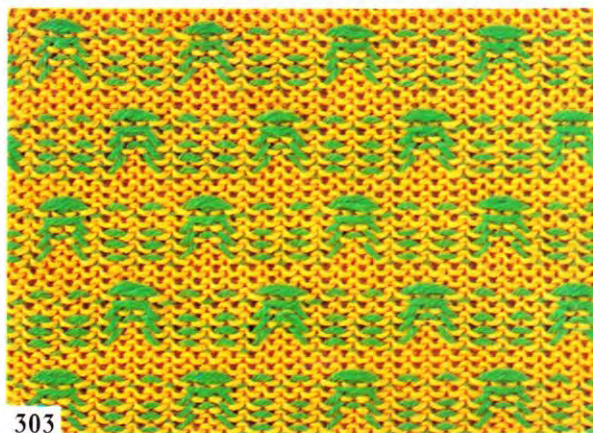
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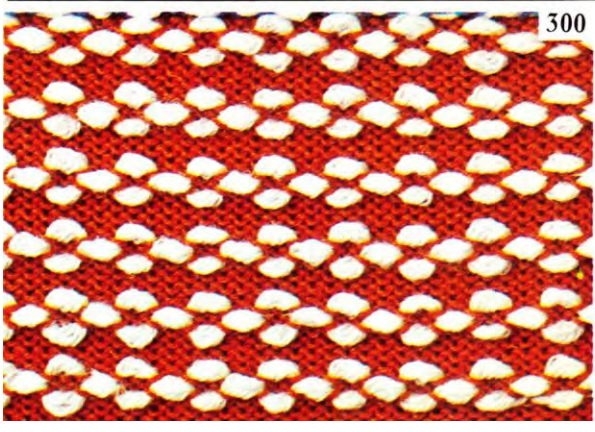
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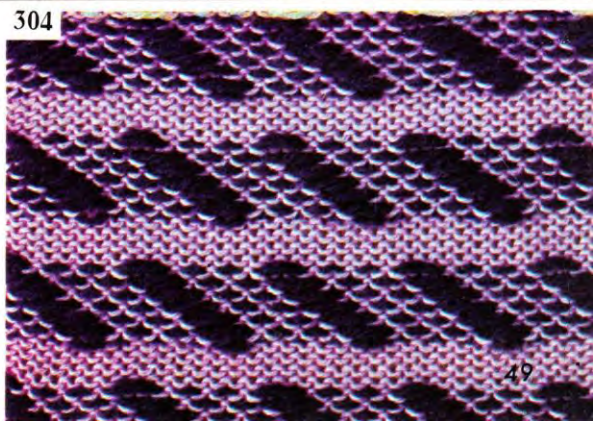
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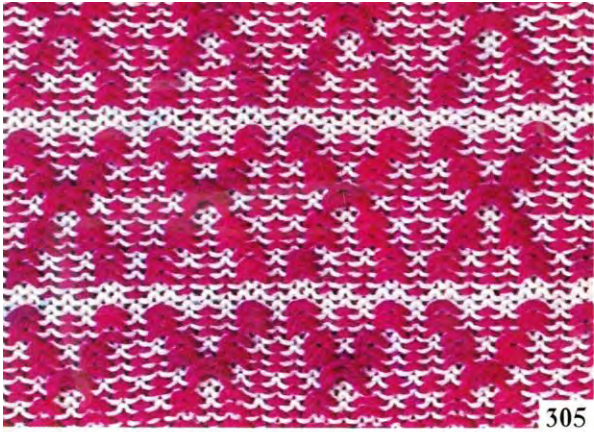
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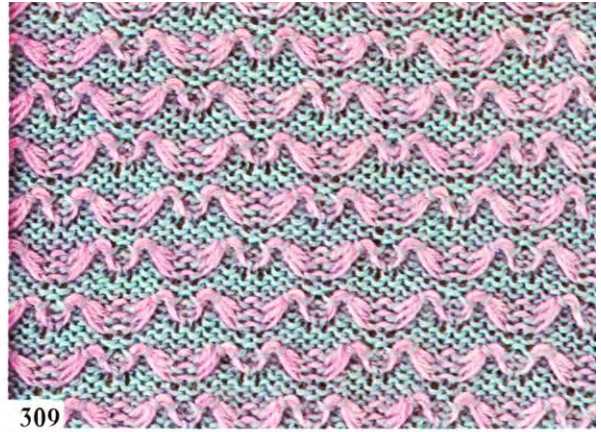
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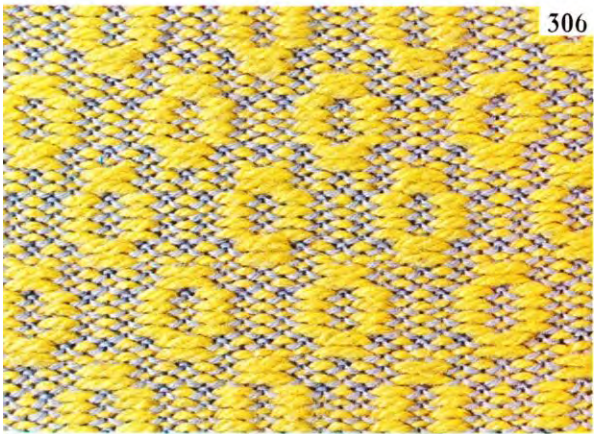
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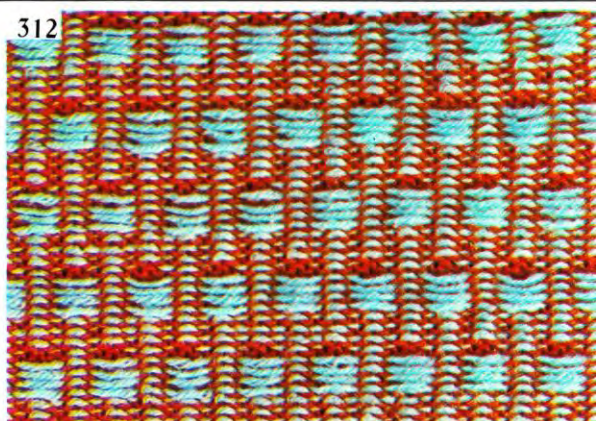
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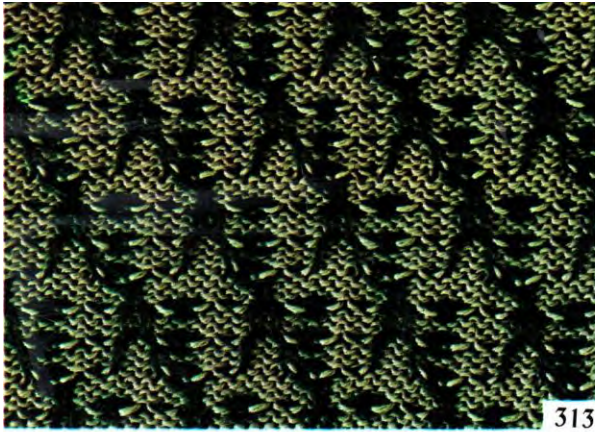
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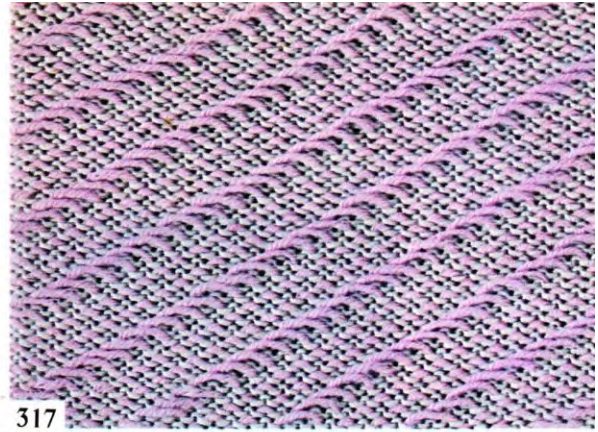
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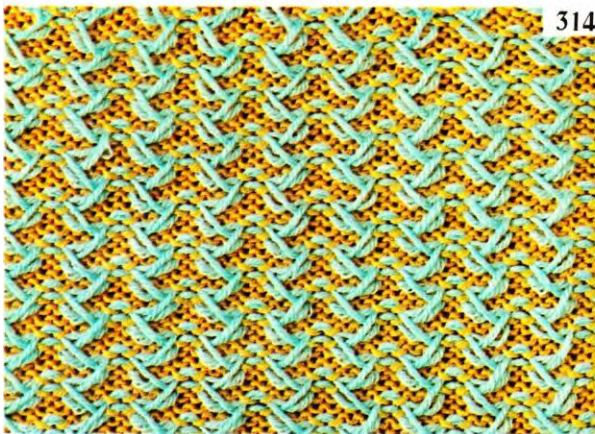
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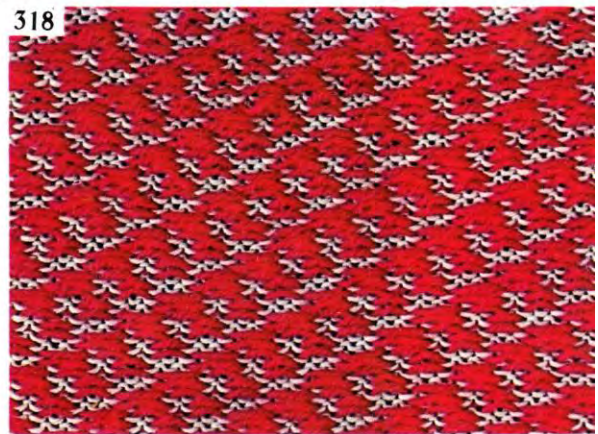
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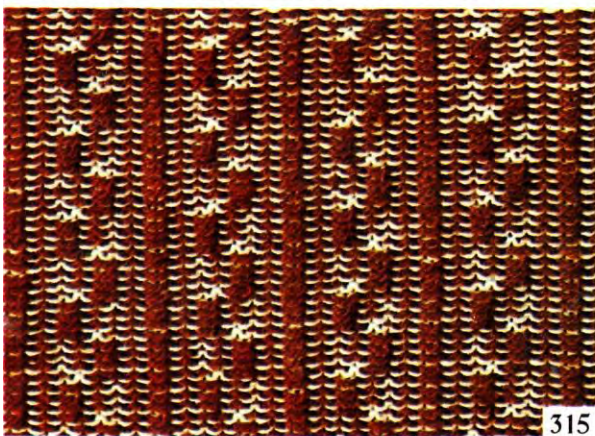
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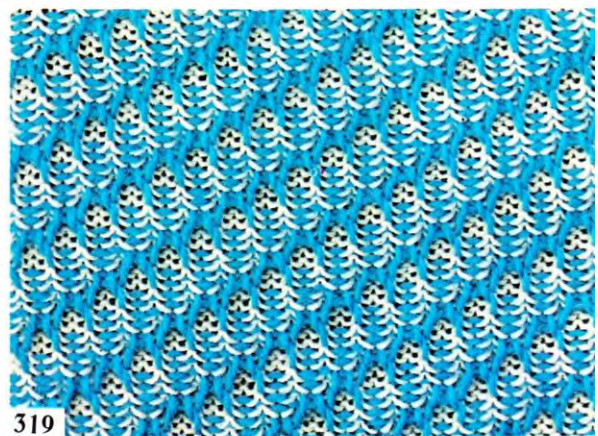
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318



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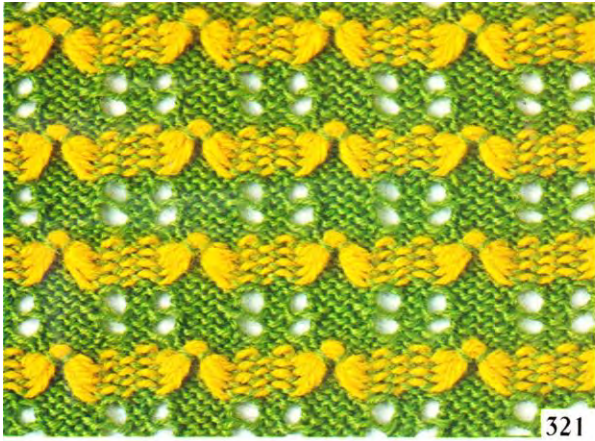
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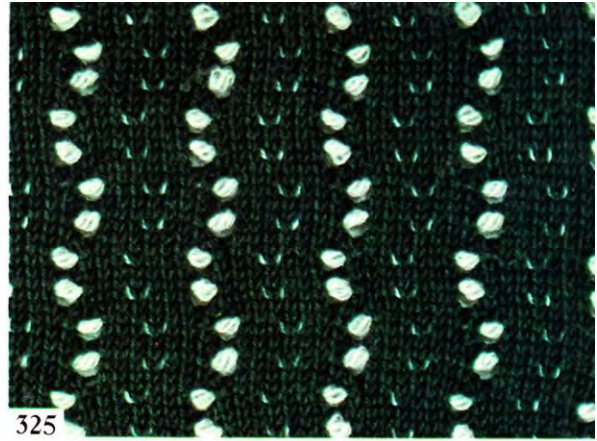


JOINT WEAVING
MOVING LIGHT
JUST WEAVING

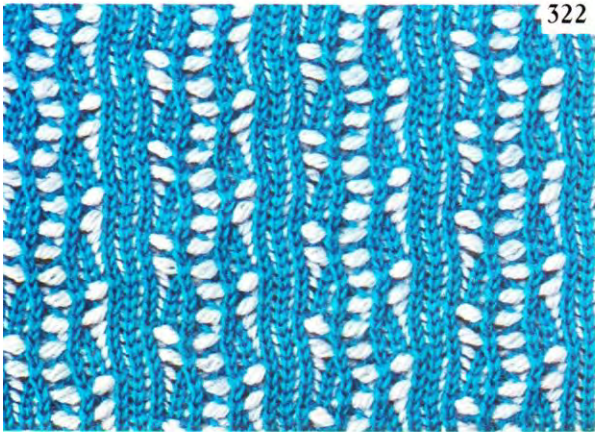
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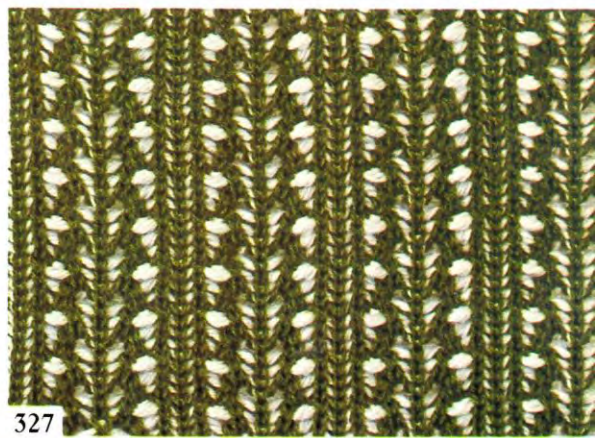
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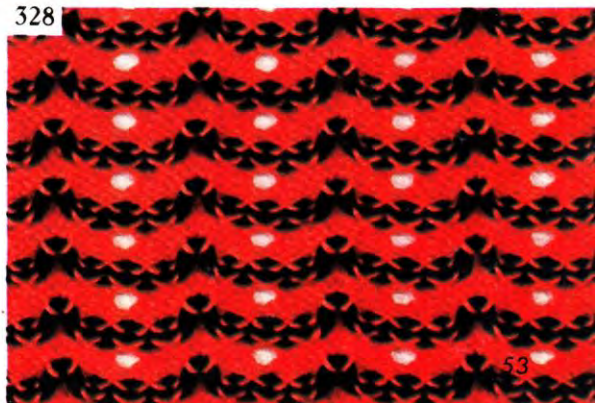
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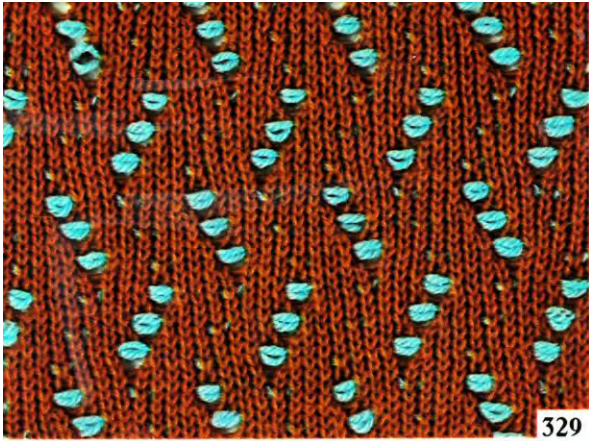
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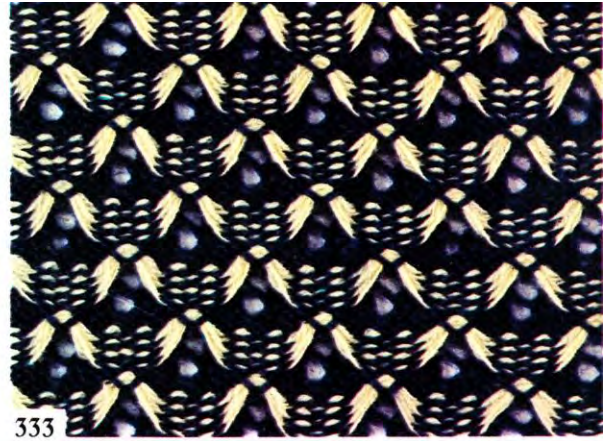
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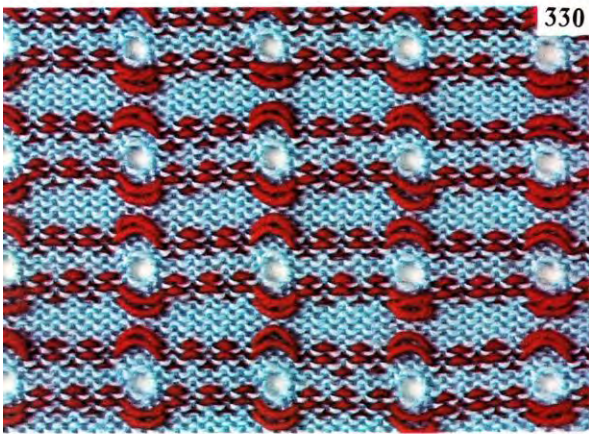
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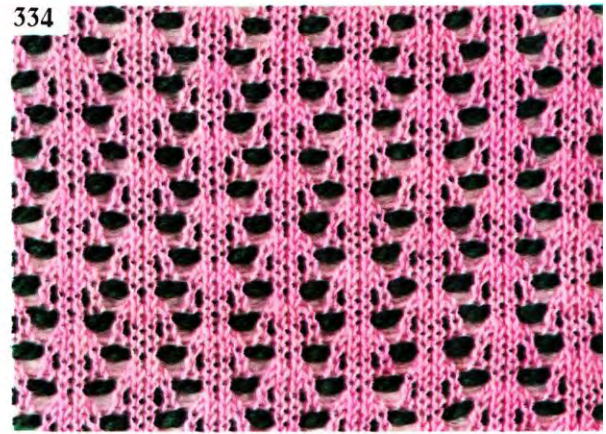
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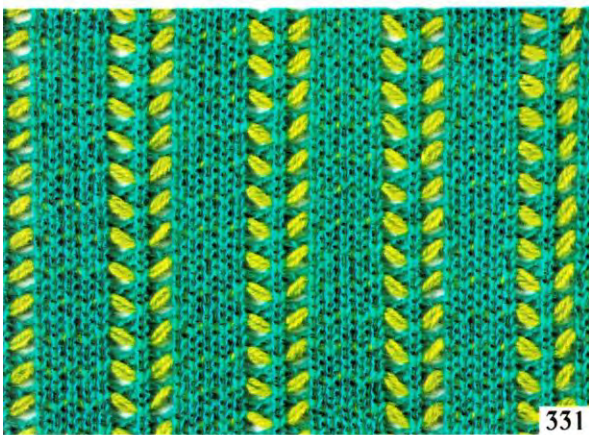
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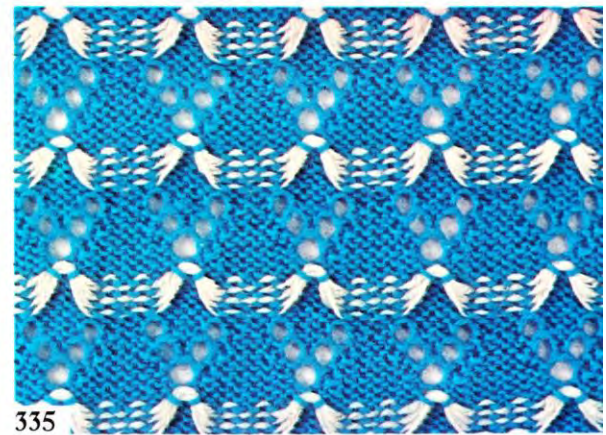
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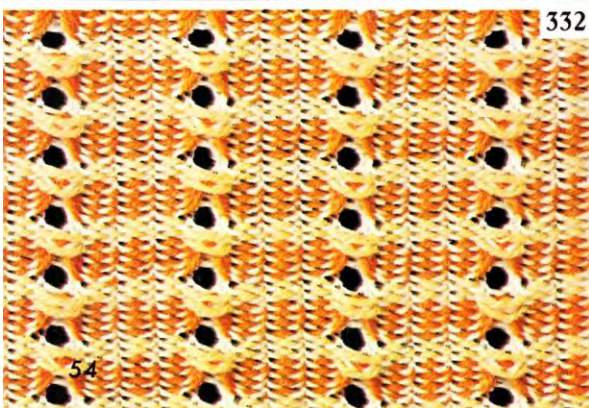
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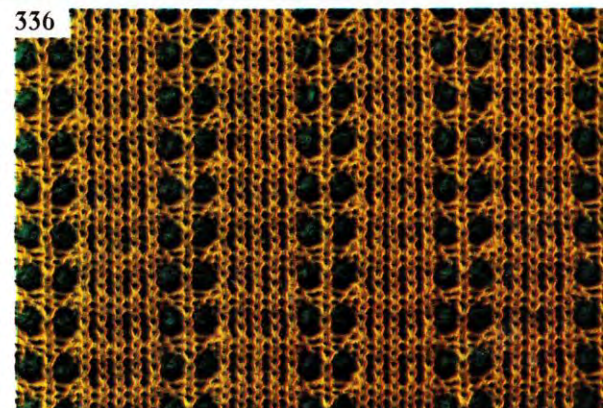
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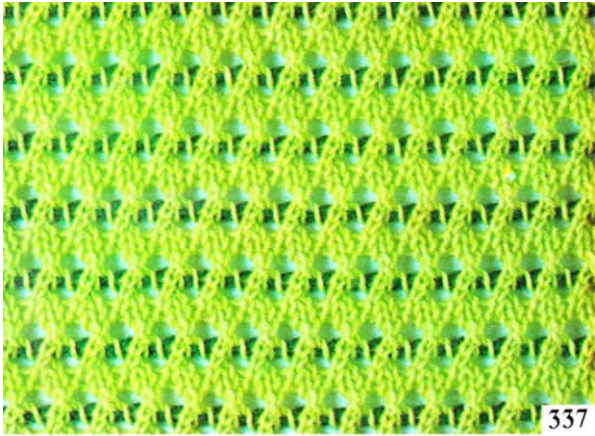
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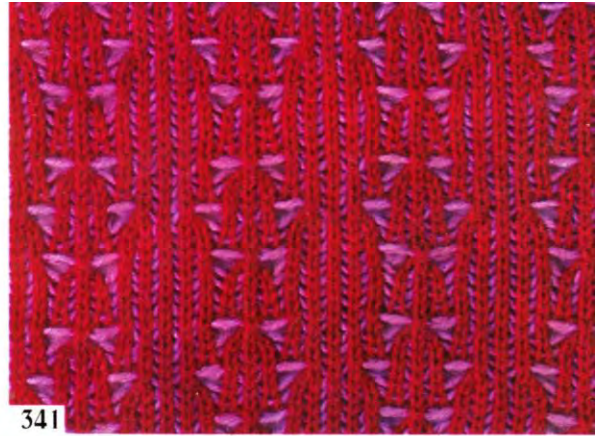
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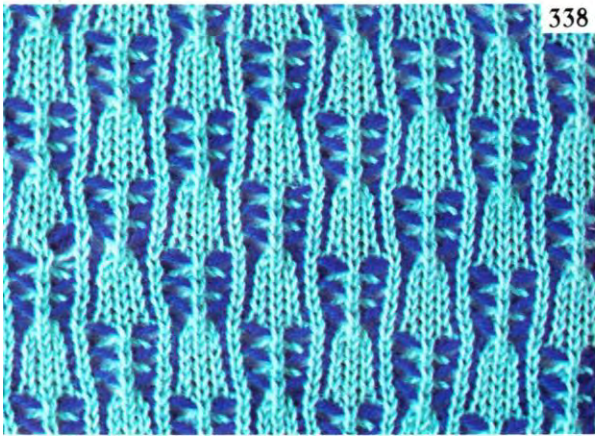
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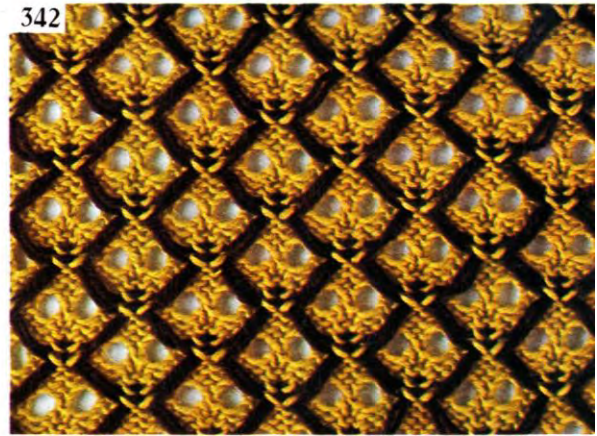
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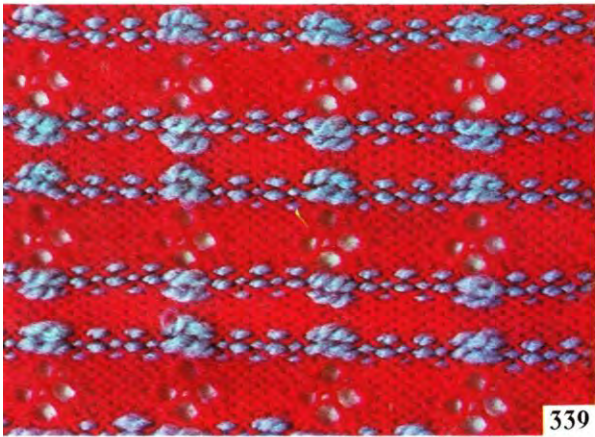
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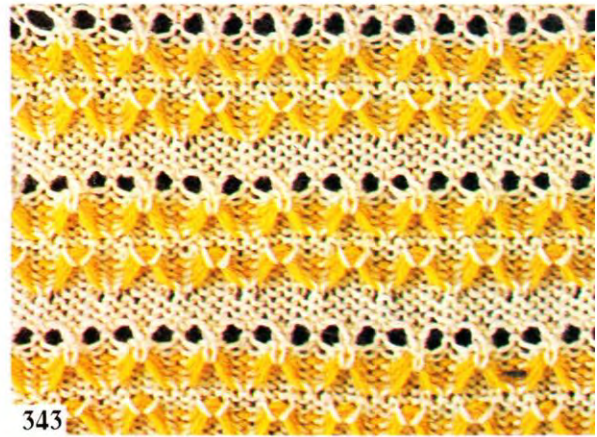
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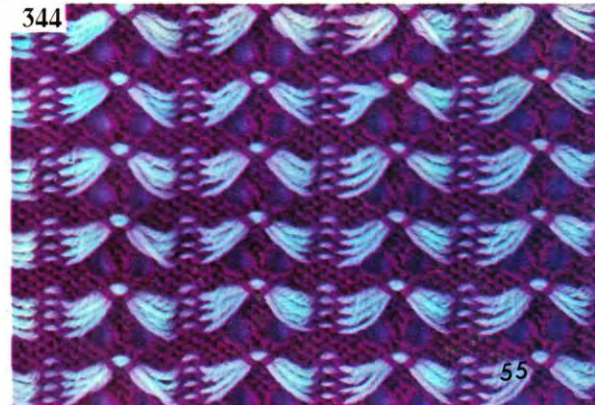
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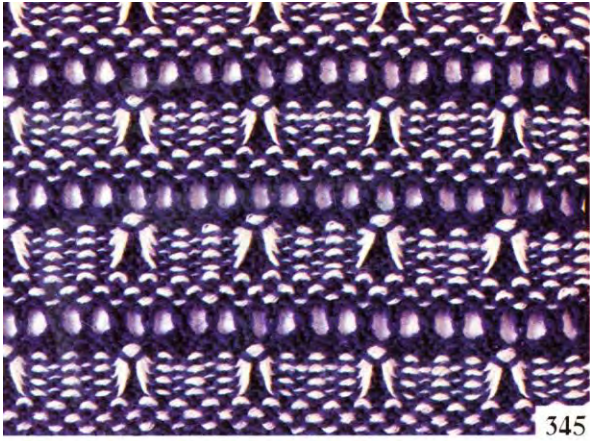
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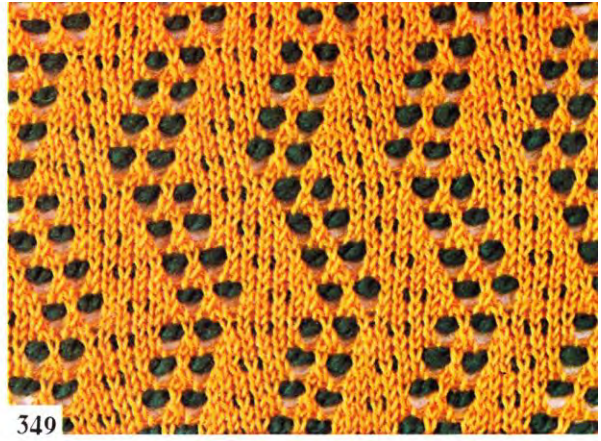
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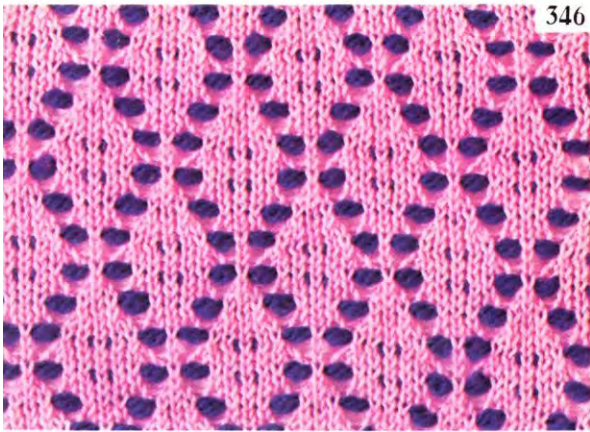
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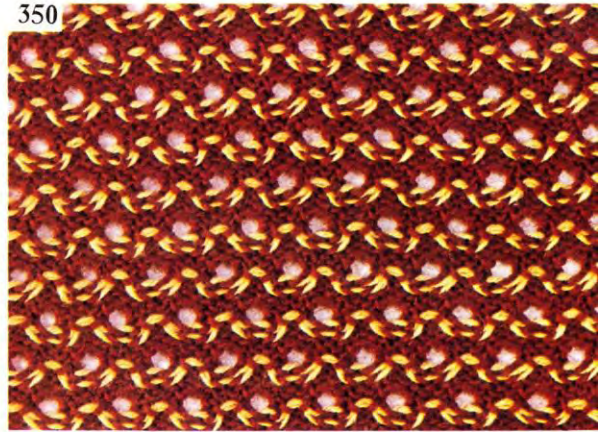
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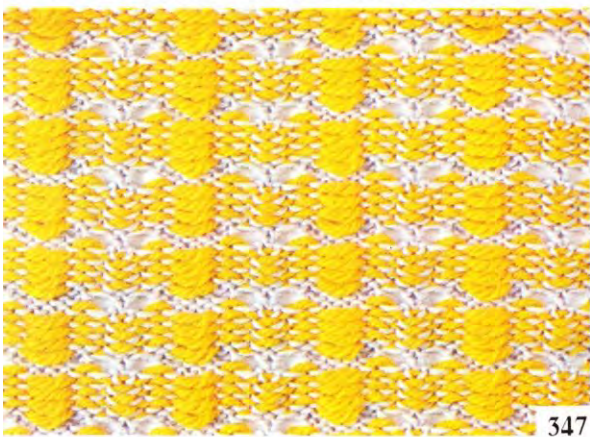
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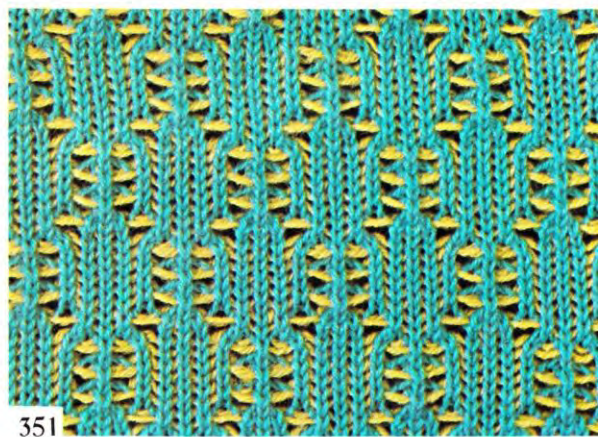
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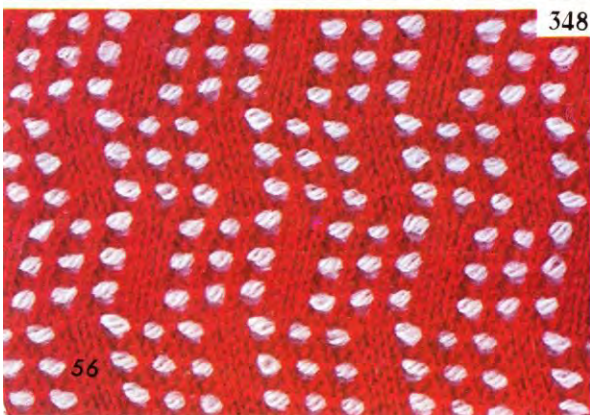
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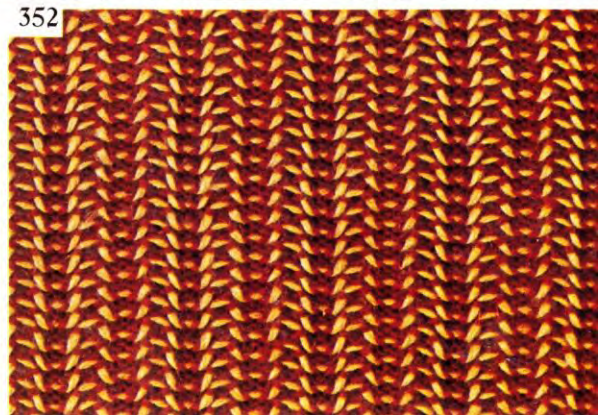
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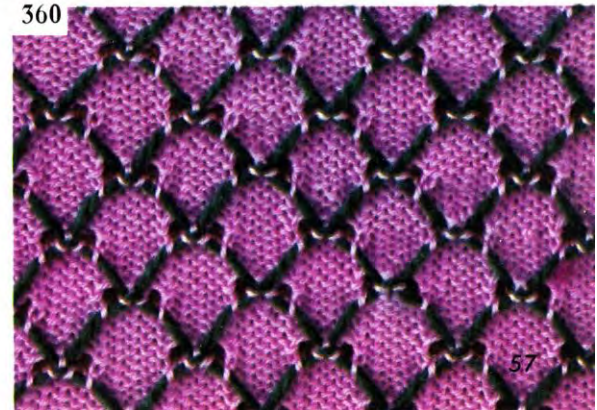
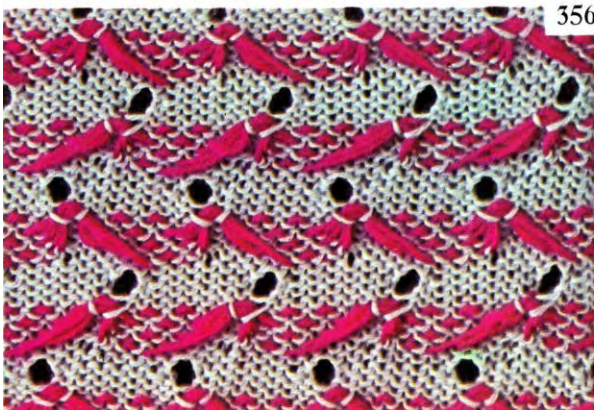
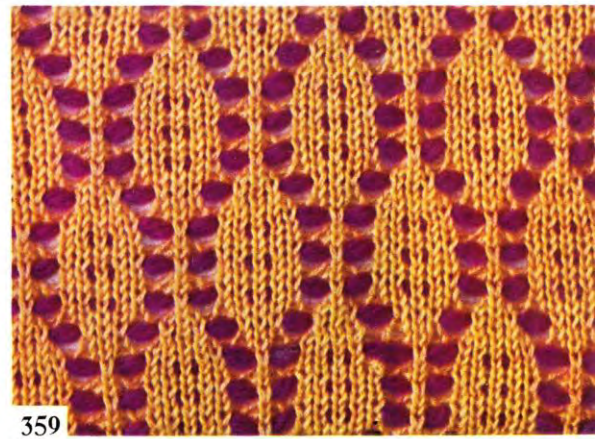
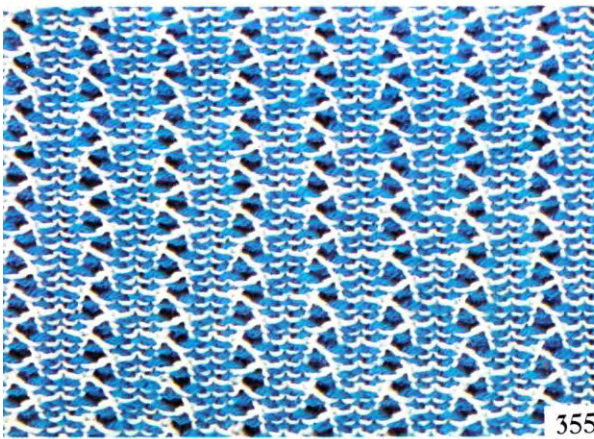
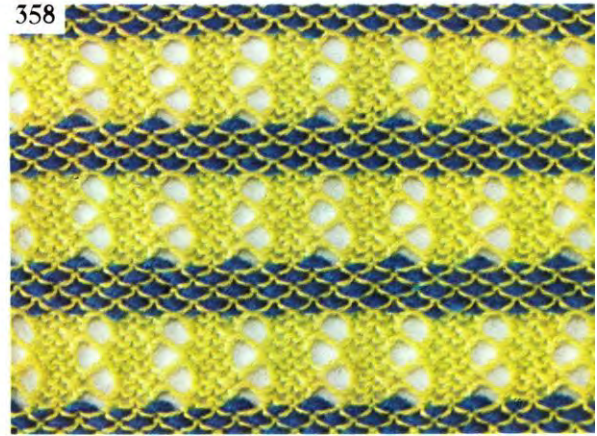
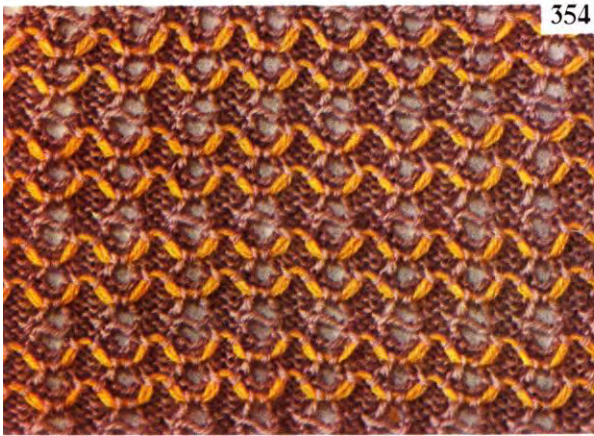
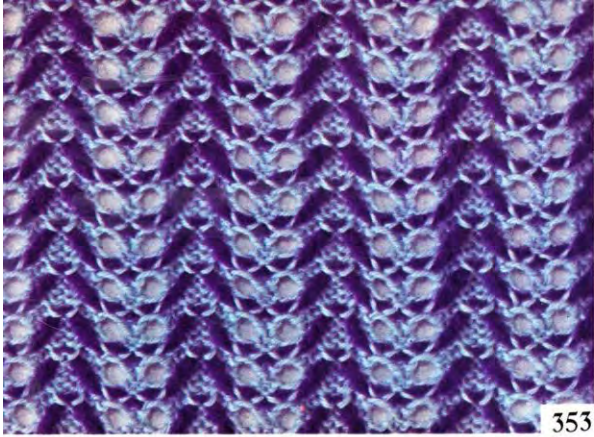
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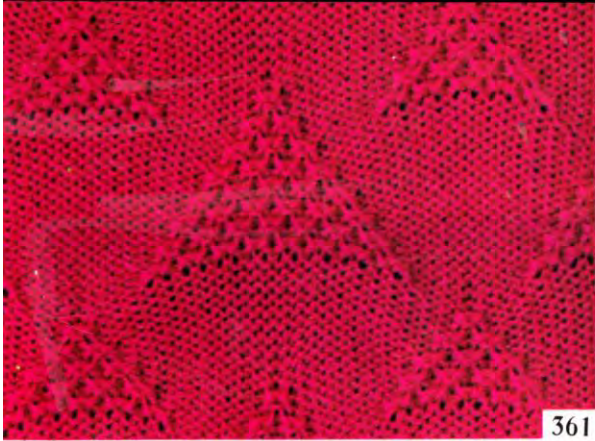


APPLICATION

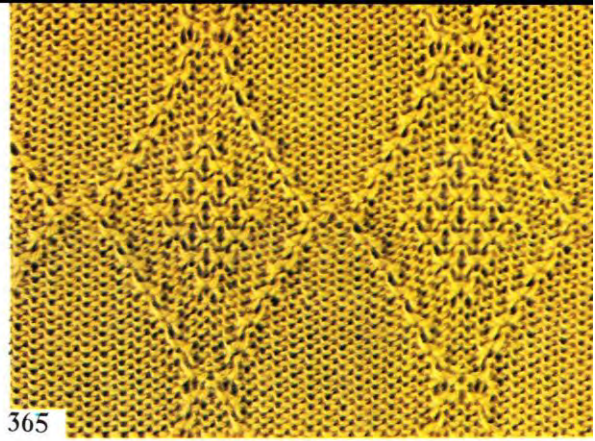


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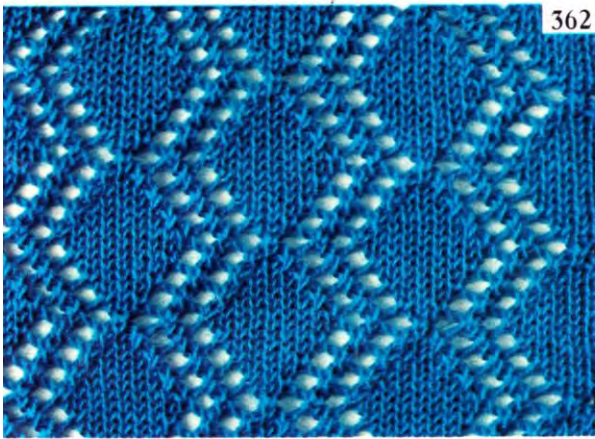
See Page 378
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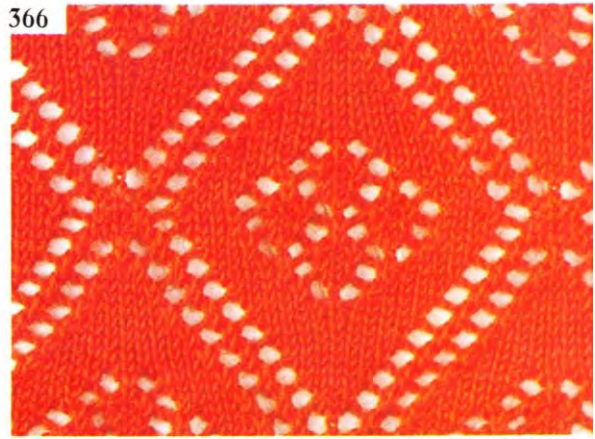
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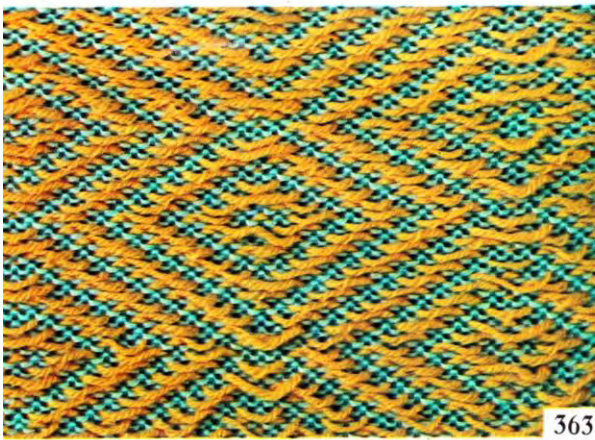
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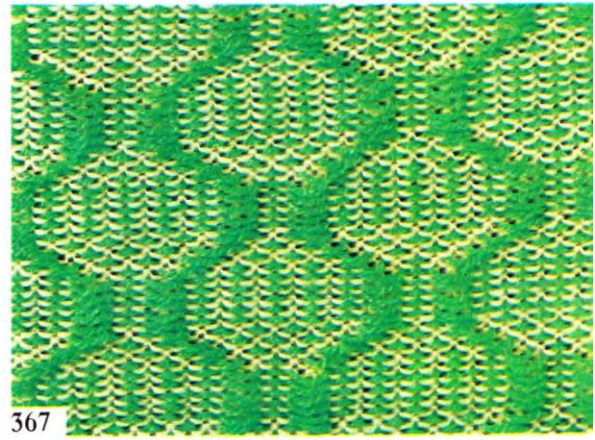
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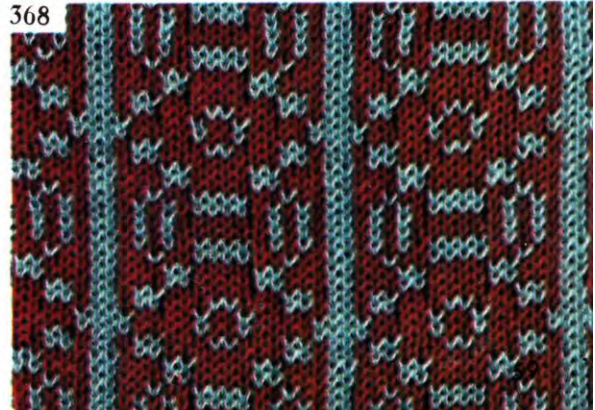
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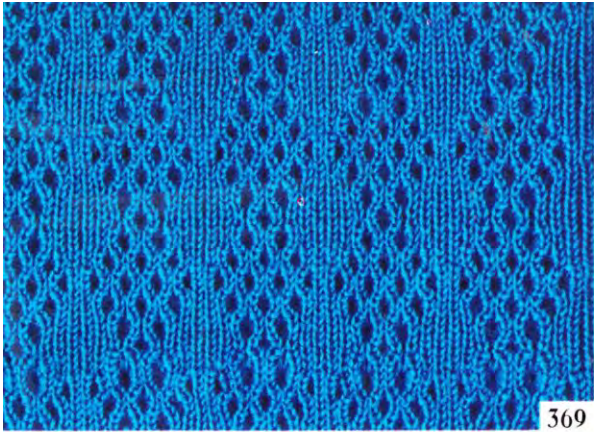


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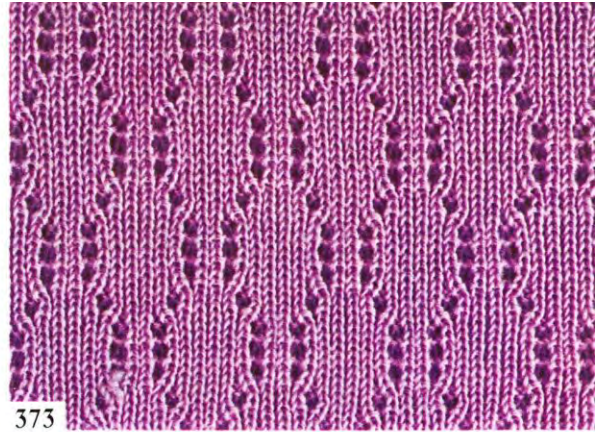
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See Page 307



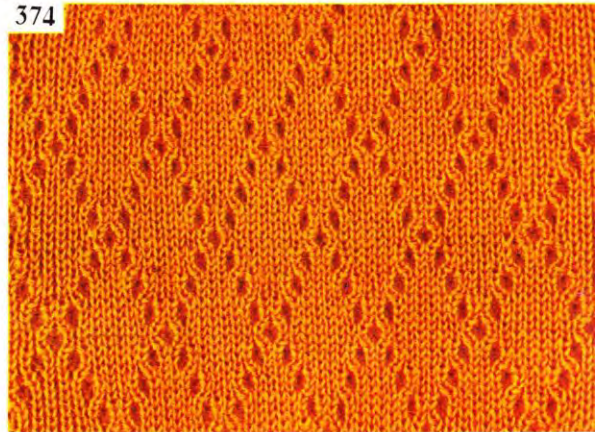
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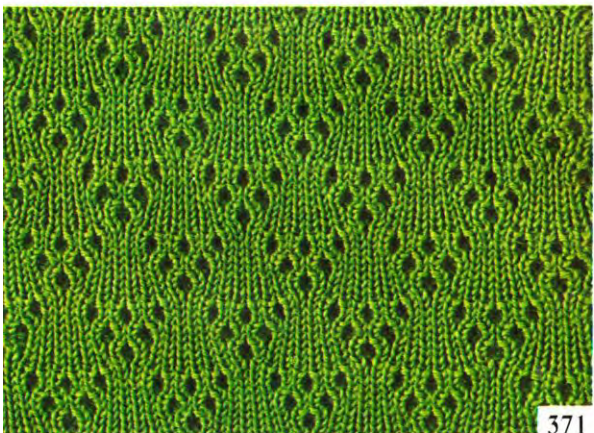
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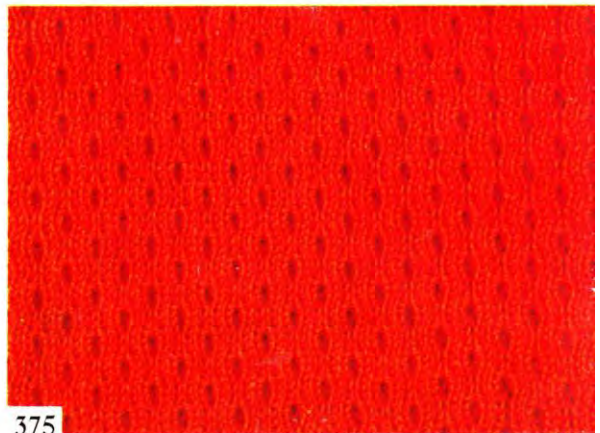
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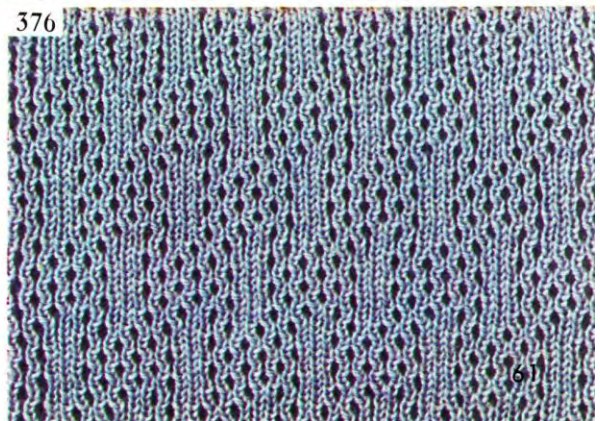
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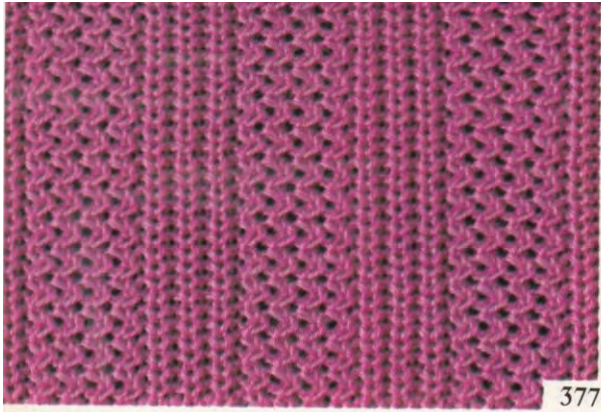
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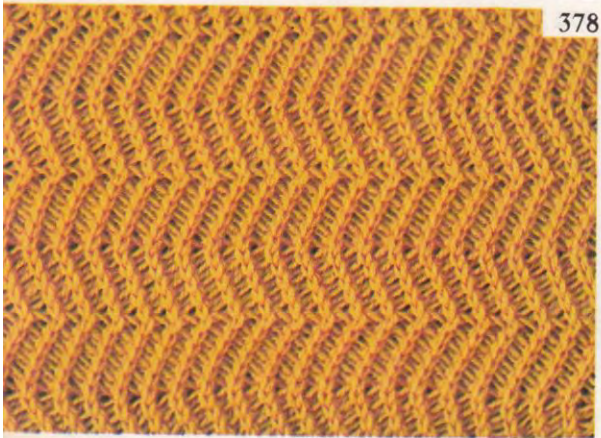
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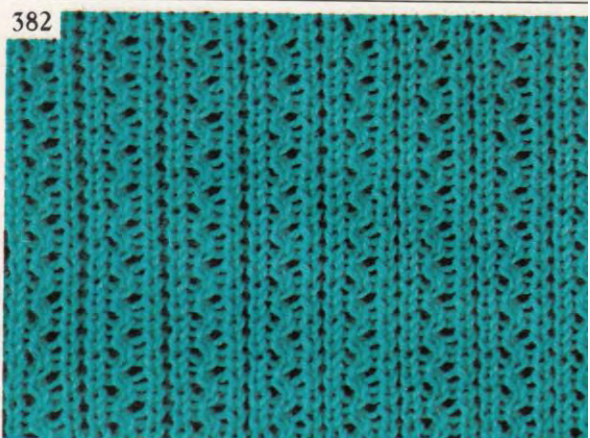
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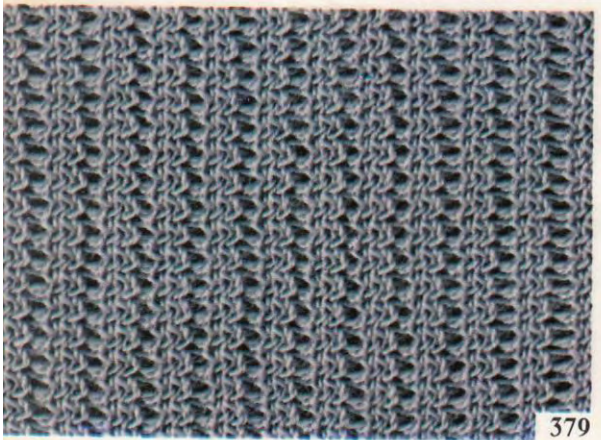
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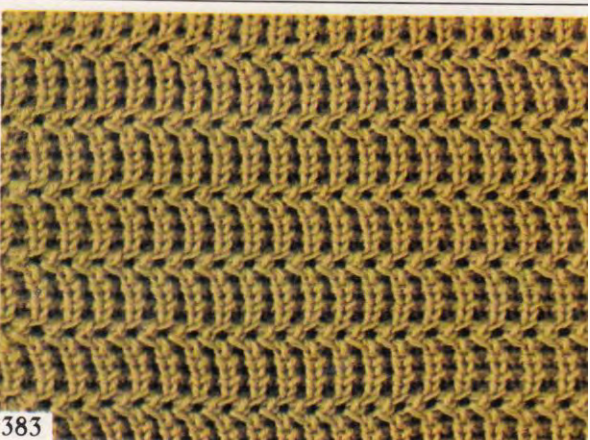
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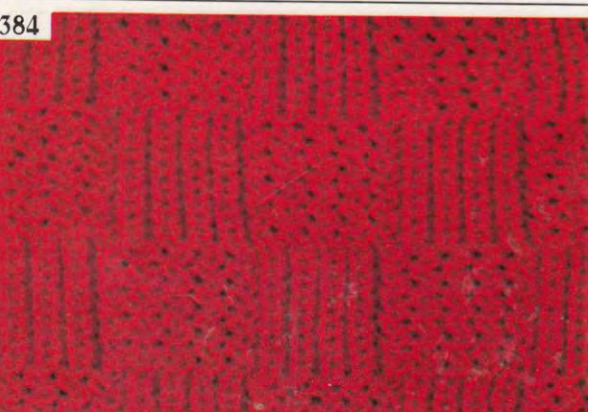
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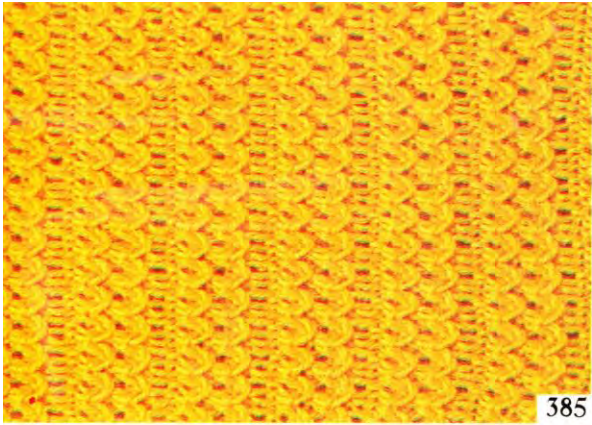
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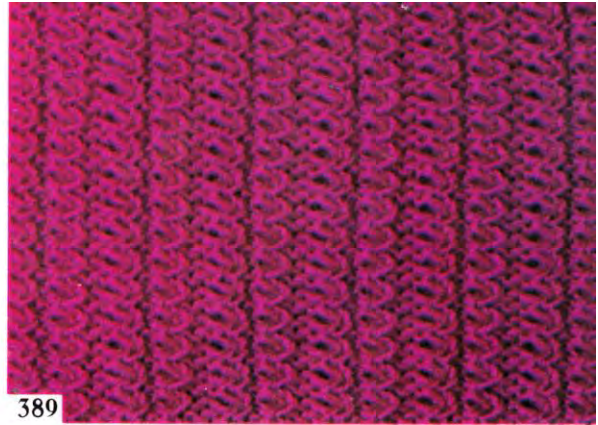
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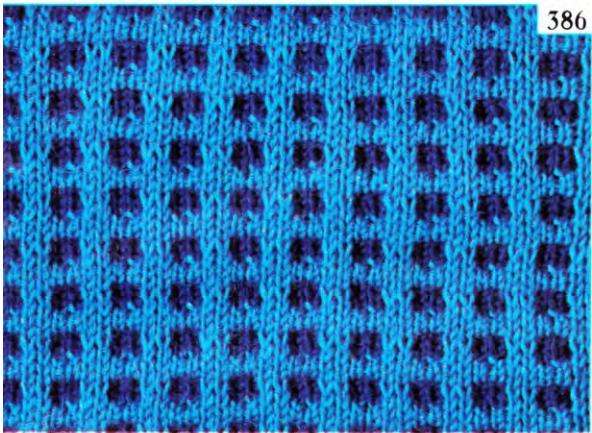
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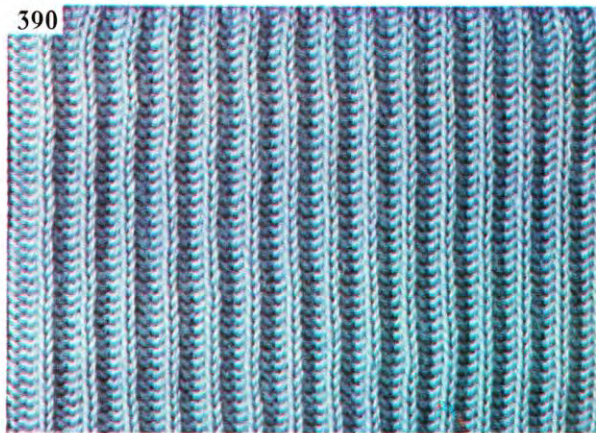
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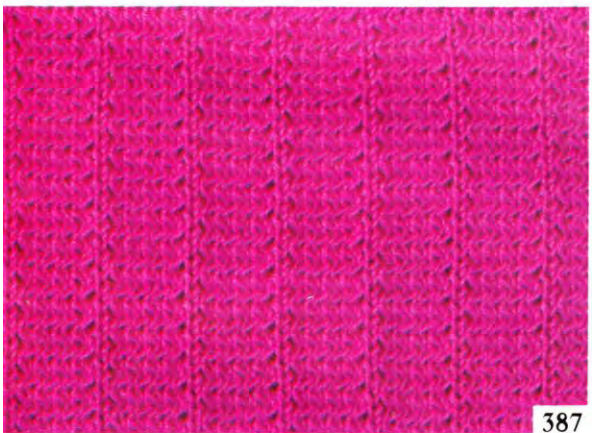
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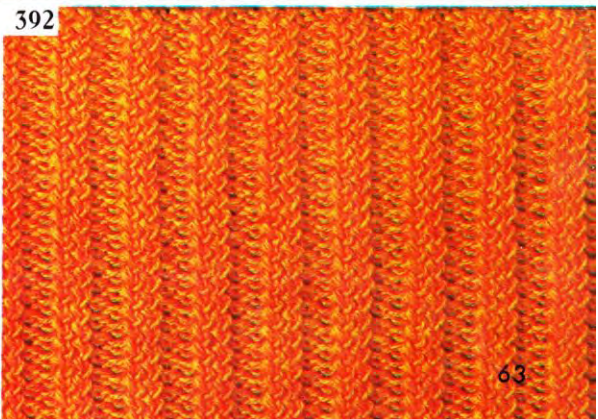
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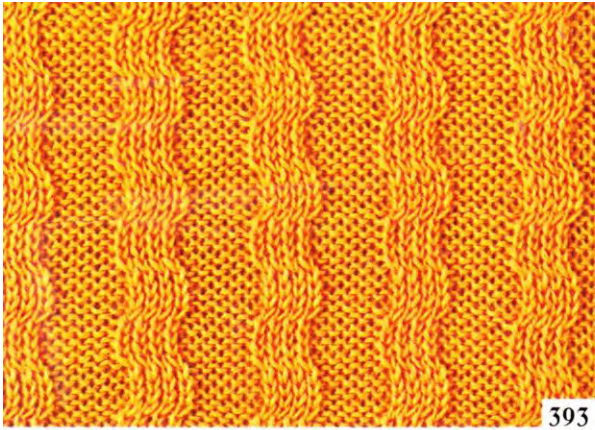
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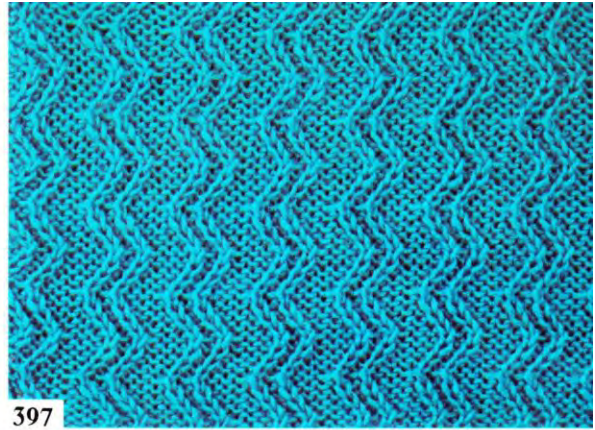
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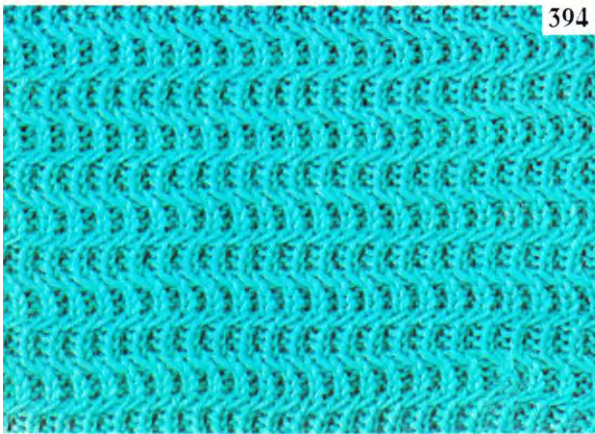
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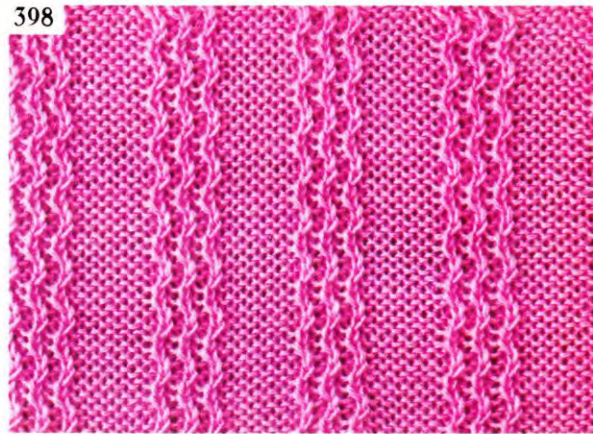
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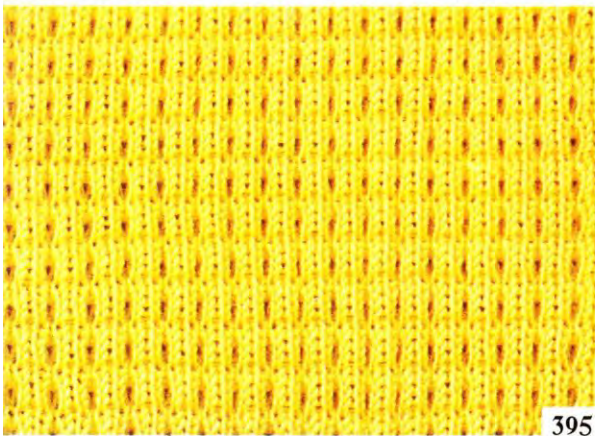
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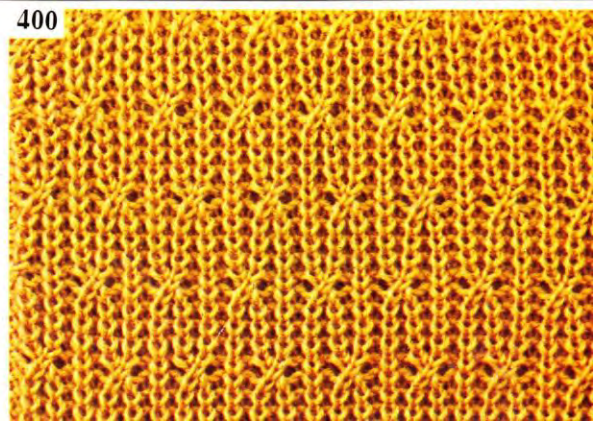
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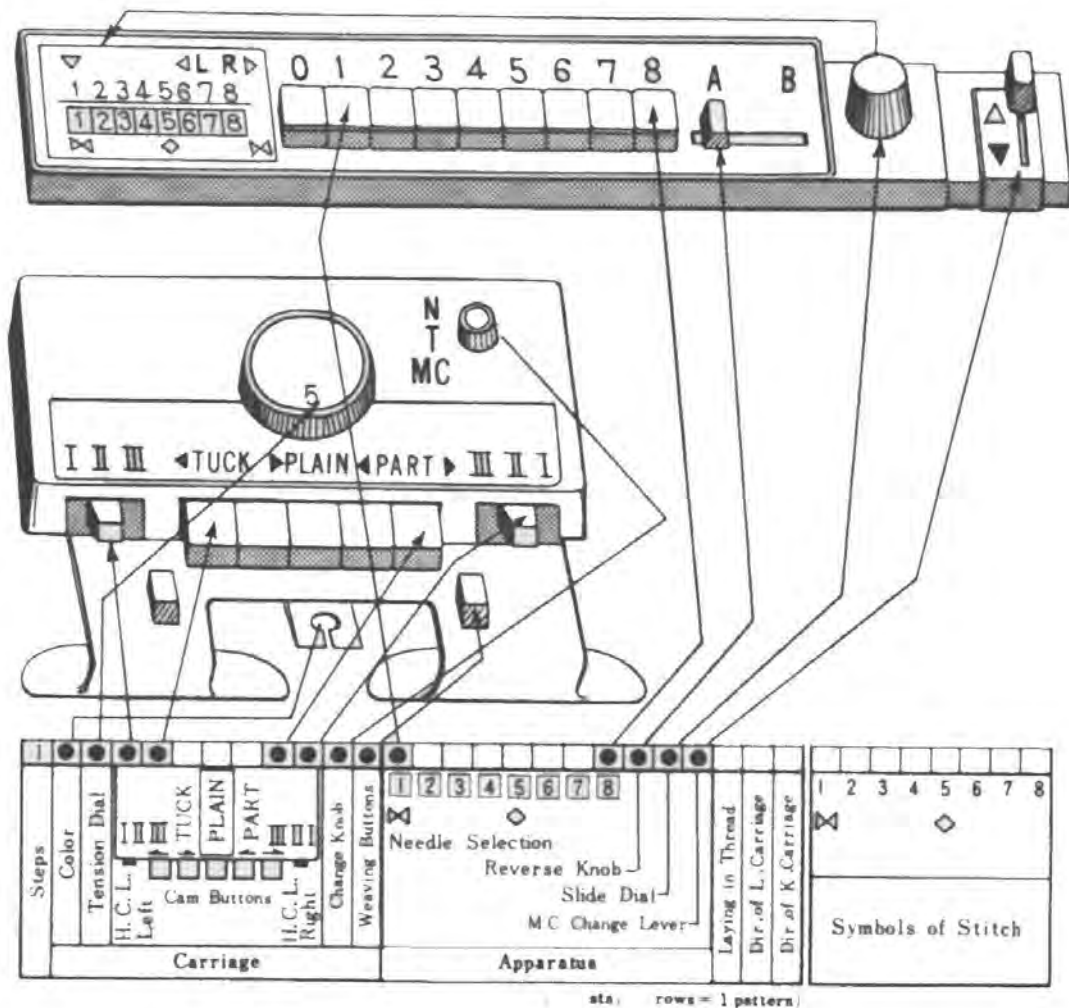
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KNITTING SYMBOLS

Symbol & Name	How to Work	Symbol & Name	How to Work
Knit stitch 	Face loop of plain stitch. 	Crossing, right over the left X	Cross the stitches with the right stitch over the left.
Purl stitch —	Back loop of plain stitch. 	Crossing, right over the right X	Cross the stitches with the left stitch over the right.
Hole o	Hole made by transferring the stitch to the next needle. 	Cross stitch through left stitch X	Crossed stitches with the right side stitch through the stitch on the left side.
Two stitches together >	Transfer right stitch to the adjacent left needle. 	Cross stitch through right stitch X	Crossed stitches with the left side stitch through the stitch on the right side.
Two stitches together <	Transfer left stitch to the adjacent right needle. 	Slip stitch v	A loop marked is pulled up with yarn across behind it.
Three stitches together ^	The center stitch on top of the left and right stitches. 	Float stitch ∇	A loop marked is pulled up with yarn across in the front.
Three stitches together ^	Right stitch on top. 	Tuck stitch u	A few loops on marked rows pulled up onto one needle.
Three stitches together ^	Left stitch on top. 	Twisted tuck stitch 8	A stitch twisted and pulled up onto a needle above.
Lean stitch to the right /	Lean stitch to the right. 	Twisted stitch 2	A stitch is twisted.
Lean stitch to the left \ 	Lean stitch to the left. 	Winding stitch ω	The loops made by winding the wool around the needles.
Increased stitch to the right Y	Increase one stitch to the left. 	<ol style="list-style-type: none"> 1. As a rule, the symbols are used for the right side of the garment. When it especially calls for the wrong side of the garment the stockinette sts are indicated by marks. 2. Diagram of the symbols: In order to represent the structure of the pattern sts, the square sections are usually used, having each symbol in the centre of the section. 3. Sinker Loops. In order to represent the sinker loops the symbols are placed in between the sections as shown by the fig 1 and the row below it in the figure is to line the row below the mark in the diagram of symbols. 	
Increased stitch to the left Y	Increase one stitch to the right. 	<ol style="list-style-type: none"> 4. Woven in wool: The wool in contrasting color woven in the garment is indicated like the figures No. 2. 	
Three stitch increase V	The loops made by winding the wool around the needles. 		

HOW TO WORK PATTERN STITCHES ON YOUR KNITTING MACHINE

You are able to knit all kinds of beautiful pattern stitches on your knitting machine with amazing ease, only by learning how to read the Operation chart and Symbols which are used on the diagrams throughout the book.



Each column on the operation chart and the symbols read as follows:

Order Operate the machine according to the numbers from the bottom upwards.

Proceeding direction of the carriage.....Start knitting operation of the carriage from the right side. (The carriage is operated after all the settings are finished.)

(Symbol) ←.....Operate the carriage from right to left.

→.....Operate the carriage from left to right.

↺.....Go and come back operation of the carriage (i.e. knit two rows).

Yarn in feederMeans the yarn threaded in the yarn feeder.

(Symbol) **a** stands for basic color, while **b** and **c** stand for contrasting colors.

Tension dialThe number in this column represents the recommended tension dial number. It is intended only as a guide.

Change leverRepresents the positions of change levers for left and right respectively. They have three positions I, II & III. (Also called Holding Cam Levers—H.C.Ls.)

Cam buttonsShows which of the cam buttons to depress. When the column for "PLAIN" is marked with ☒, do not depress the corresponding buttons. When column for "TUCK" or "PART" is marked with ☒, depress the corresponding button.

Thread or Weaving apparatus.....Represents the position of Thread knob and Thread lever.
(Symbol) When it has N, set both, the knob and the lever, at N position. While if it has T, set both, the knob and the lever, at T position.

Needle selection buttons.....Show which of the buttons to depress as well as the operation of the set levers.

a. In case the column is marked with ☐, depress the corresponding button with the number. Then push down the set lever to bring forward the selected needles.

b. If the column is marked with ☒, just push down the set lever, leaving the needle selection buttons as depressed.

c. In case the column is blank, there is nothing to do with needle selection buttons nor set lever, just operate the carriage.

Reverse knobThe reverse knob has two positions, A and B. When the indication shows position A, set the reverse knob at A, and vice versa.

Slide dialIt represents the position on the Slide dial.

For example, if it is marked with I turn the slide dial to set the ▼ mark on the slide dial to I.

(The needles are arranged for pattern stitches by pushing down the set lever after the Needle selection buttons, Reverse knob and the Slide dial are set as instructed.)

Yarn for thread knitting.....In case there is any mark of **a**, **b**, or **c**, it means the colour of the yarn for weaving and at the same time, to place the yarn over the selected needles and to knit. If the column is vacant just operate the carriage.

Proceeding direction of L-carriage.....In case you work lace pattern using L-carriage, always run the L-carriage according to the arrow index. But when the column is blank, do not use L-carriage. (Detailed explanations will be given on the page for "Open Work Patterns".)

Knitting symbols ...The pattern stitches are represented by the symbols, by showing the wrong side of the garment.

TUCK STITCH PATTERN

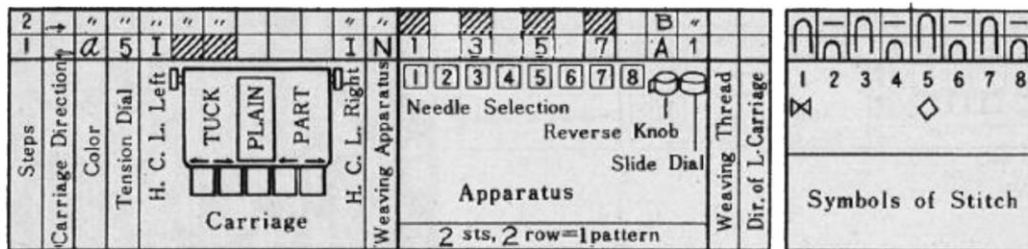
What are Tuck stitches?

When you depress "TUCK" button and operate the carriage once or twice by the operation of the cams the needles are pushed out just far enough so that the loops of the previous stitches do not go behind the latches, and the yarn catches in the hooks. By repeating the operation two or three times that many yarns are hooked in the needles. Then at the following step stockinette stitches are knitted on all the needles to form Tuck stitch patterns.

Specialities of Tuck stitch patterns:

This type of pattern has a particular structure of stitch and is applied for many purposes. Depending upon the patterns, it makes rather thick and soft garments.

How to work TUCK stitch patterns:



CarriagePlace at the right side.

Yarn in feeder ...Thread the yarn feeder with the yarn for the garment.

Tension dial.....Set at 5.

Change leverSet both at I.

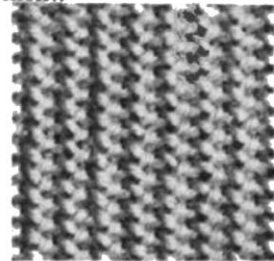
Cam buttonsDepress both "TUCK" buttons at the same time.

Thread knitting installation.....Set both knobs and levers at N.

Needle selection buttons.....Depress buttons 1, 3, 5 and 7.

Reverse knobSet at A.

Slide dialSet at I.

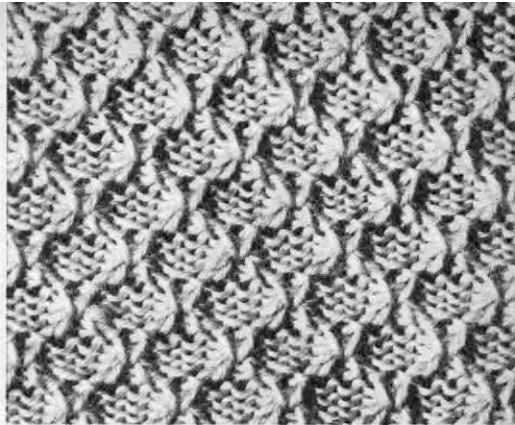
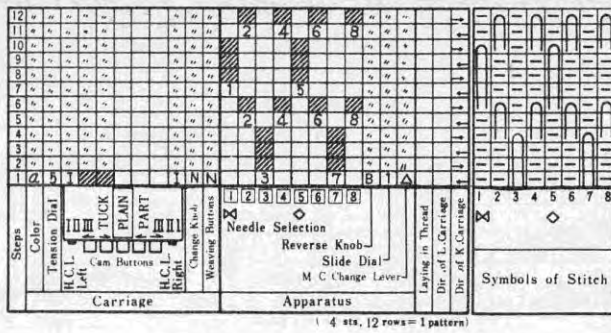


Order of operation:

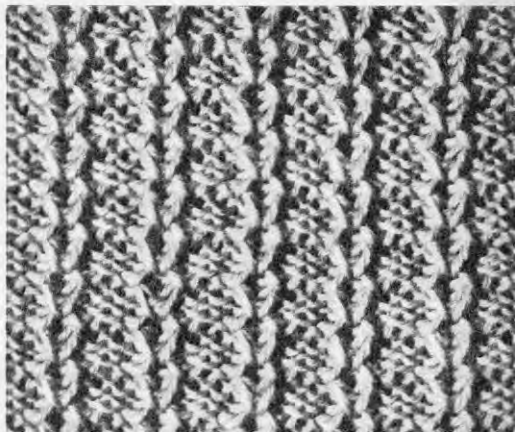
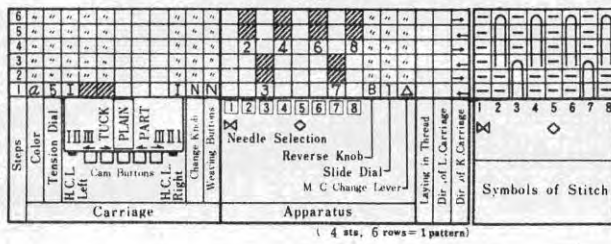
1. Arrange the needles by using the set lever and operate the carriage from right to left.
2. Change Reverse knob to B, operate the carriage from left to right. Reset reverse knob at A.

★ Repeat steps 1 and 2.

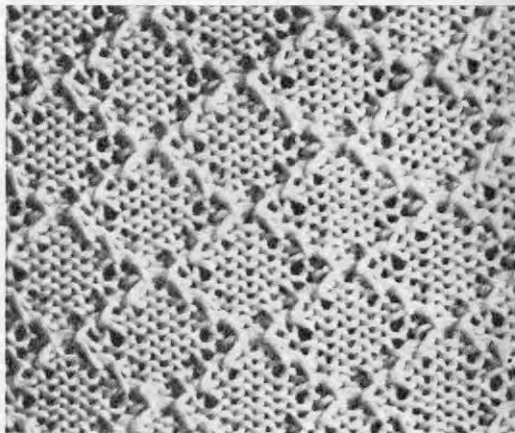
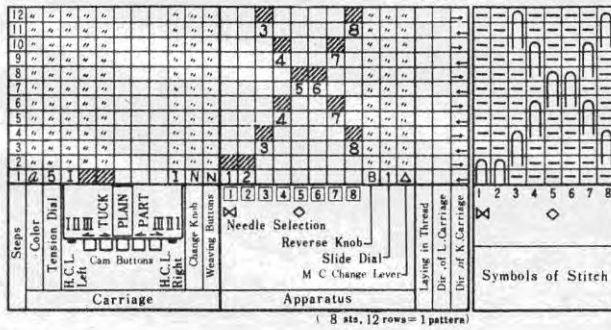
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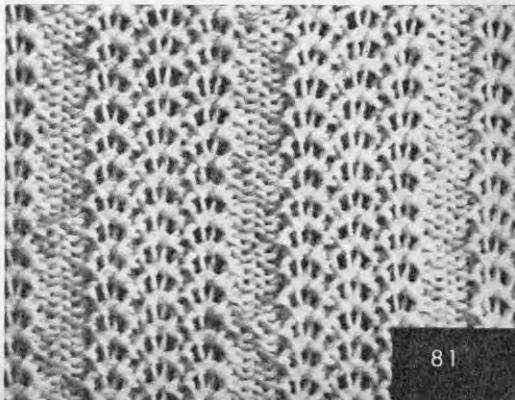
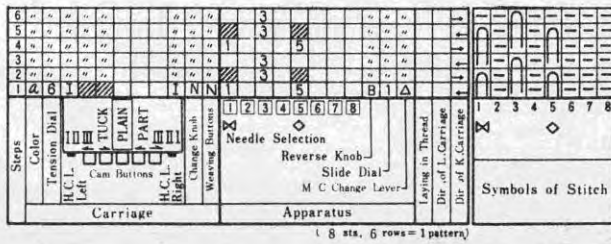
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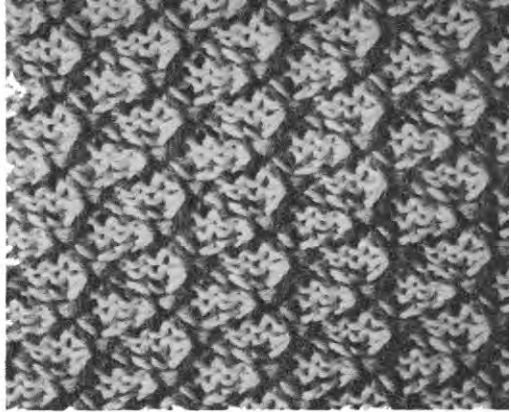
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Steps	Color	Tension Dial	H.C.L. Left	TUCK	PLAIN	PART	H.C.L. Right	Change Knob	Weaving Buttons	1	2	3	4	5	6	7	8	Laying in Thread	Dir. of L. Carriage	Dir. of R. Carriage	Symbols of Stitch
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
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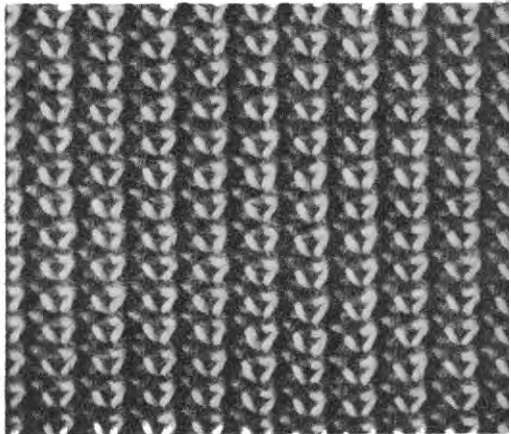
4 sts, 8 rows = 1 pattern



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Steps	Color	Tension Dial	H.C.L. Left	TUCK	PLAIN	PART	H.C.L. Right	Change Knob	Weaving Buttons	1	2	3	4	5	6	7	8	Laying in Thread	Dir. of L. Carriage	Dir. of R. Carriage	Symbols of Stitch
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

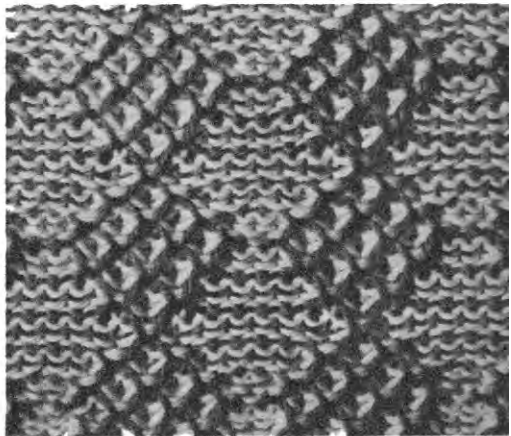
2 sts, 4 rows = 1 pattern



463

Steps	Color	Tension Dial	H.C.L. Left	TUCK	PLAIN	PART	H.C.L. Right	Change Knob	Weaving Buttons	1	2	3	4	5	6	7	8	Laying in Thread	Dir. of L. Carriage	Dir. of R. Carriage	Symbols of Stitch
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

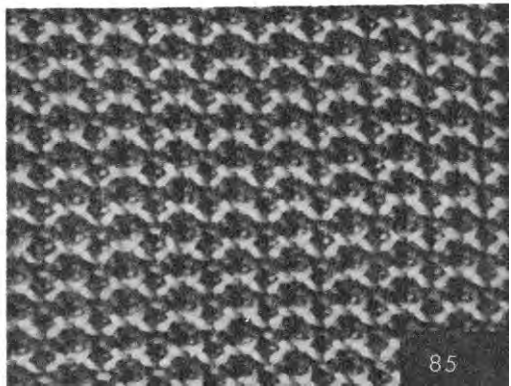
8 sts, 18 rows = 1 pattern



464

Steps	Color	Tension Dial	H.C.L. Left	TUCK	PLAIN	PART	H.C.L. Right	Change Knob	Weaving Buttons	1	2	3	4	5	6	7	8	Laying in Thread	Dir. of L. Carriage	Dir. of R. Carriage	Symbols of Stitch
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

2 sts, 4 rows = 1 pattern



PULL-UP TUCK STITCH PATTERNS

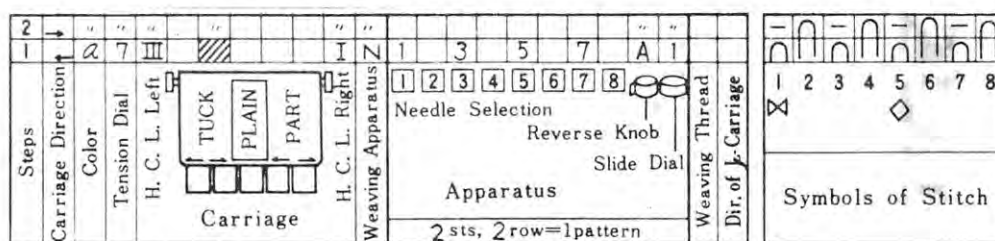
What are Pull-up Tuck stitch patterns?

Pull-up Tuck pattern stitches are the designs worked by using the Change (H.C.L.s) levers and the Tuck buttons together. Namely, on one row some stitches are pulled up, and on the next Tuck stitches are worked. In this way, pull-up stitches and tuck stitches are alternatively worked on the garment.

Specialities of Pull-up Tuck stitch patterns:

Unique pattern stitches are worked by the very simple operations. This type of knitting has less elasticity. One of the representative pattern stitches of this type is called "Modified Fisherman's rib" or "Bulky knitting"

How to work Pull-up Tuck stitch patterns:

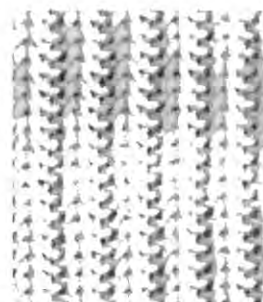


- Carriage**Place at the right hand side.
- Yarn in feeder**.....Thread with the yarn for the garment.
- Tension dial**.....Use 7.
- Change lever**Adjust the left at III, and the right at I.
- Cam buttons**Push right "TUCK" button.
- Thread knitting installation**.....Set both knobs and levers to N.
- Needle selection buttons**.....Depress buttons 1, 3, 5 and 7.
- Reverse knob**Set to A.
- Slide dial**Set to I.

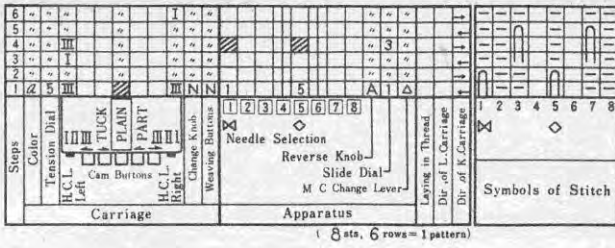
Order of Operation:

1. After arranging the needles by the set lever operate the carriage from right to left.
2. Operate the carriage from left to right.

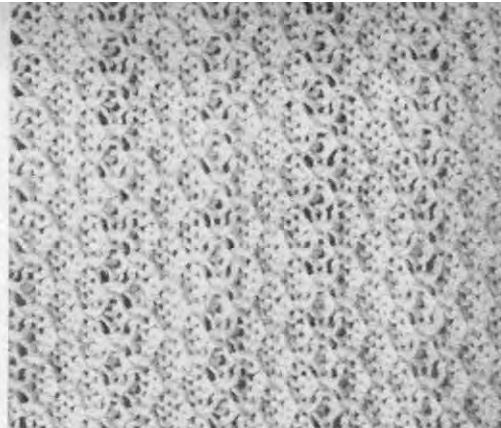
★ Repeat steps 1 and 2.



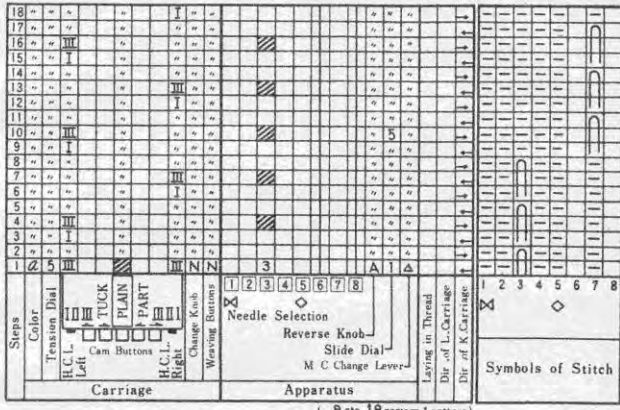
493



(8 sts, 6 rows = 1 pattern)



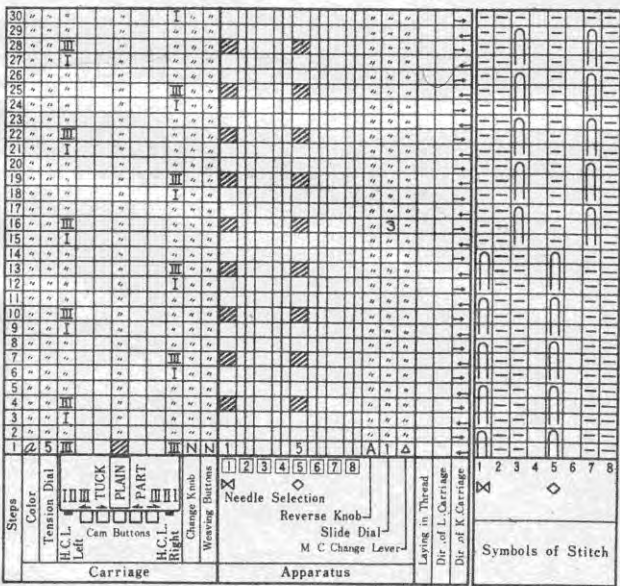
494



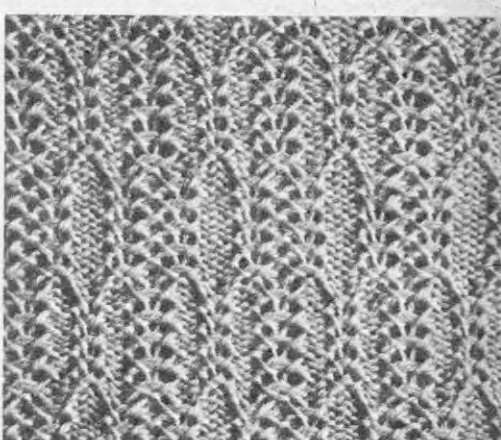
(8 sts, 18 rows = 1 pattern)



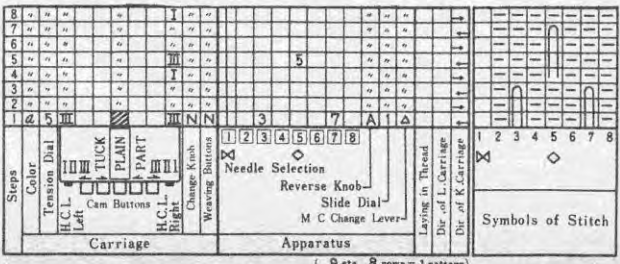
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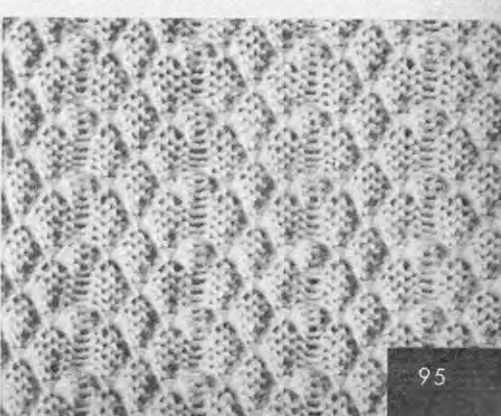
(4 sts, 30 rows = 1 pattern)

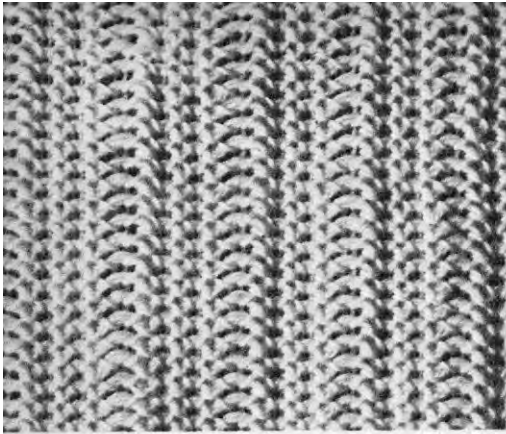


496



(8 sts, 8 rows = 1 pattern)

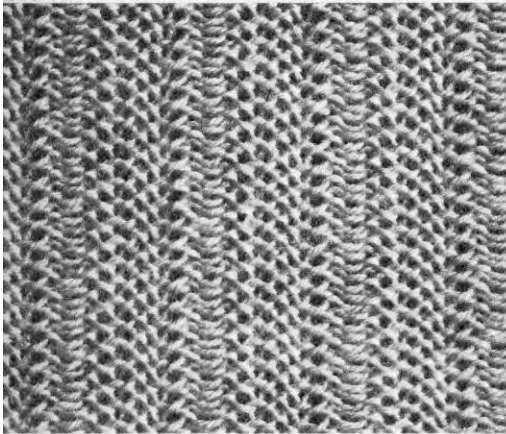




497

Steps	Color	Tension Dial	H.C.L. Left	TUCK	PLAIN	PART	H.C.L. Right	Change Knob	Weaving Buttons	Needle Selection	Reverse Knob	Slide Dial	M.C. Change Lever	Laying in Thread	Dir. of L. Carriage	Dir. of K. Carriage	Symbols of Stitch
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Carriage										Apparatus				Symbols of Stitch			

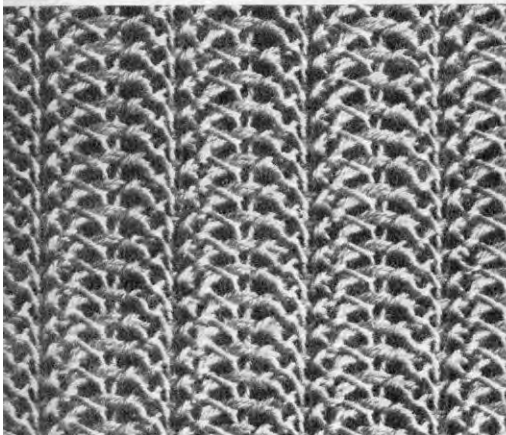
(8 sts, 4 rows = 1 pattern)



498

Steps	Color	Tension Dial	H.C.L. Left	TUCK	PLAIN	PART	H.C.L. Right	Change Knob	Weaving Buttons	Needle Selection	Reverse Knob	Slide Dial	M.C. Change Lever	Laying in Thread	Dir. of L. Carriage	Dir. of K. Carriage	Symbols of Stitch
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Carriage										Apparatus				Symbols of Stitch			

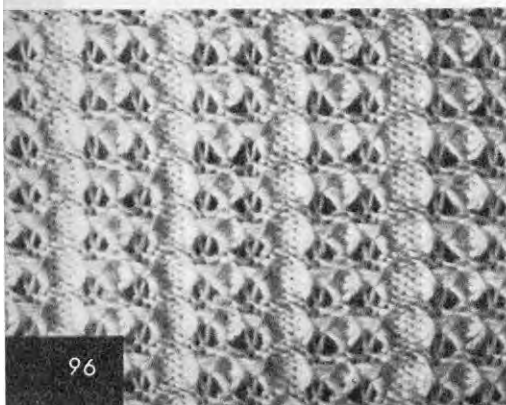
(8 sts, 2 rows = 1 pattern)



499

Steps	Color	Tension Dial	H.C.L. Left	TUCK	PLAIN	PART	H.C.L. Right	Change Knob	Weaving Buttons	Needle Selection	Reverse Knob	Slide Dial	M.C. Change Lever	Laying in Thread	Dir. of L. Carriage	Dir. of K. Carriage	Symbols of Stitch
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Carriage										Apparatus				Symbols of Stitch			

(8 sts, 4 rows = 1 pattern)



500

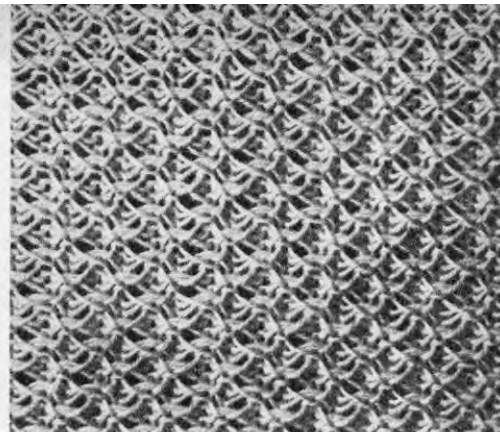
Steps	Color	Tension Dial	H.C.L. Left	TUCK	PLAIN	PART	H.C.L. Right	Change Knob	Weaving Buttons	Needle Selection	Reverse Knob	Slide Dial	M.C. Change Lever	Laying in Thread	Dir. of L. Carriage	Dir. of K. Carriage	Symbols of Stitch
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Carriage										Apparatus				Symbols of Stitch			

(8 sts, 6 rows = 1 pattern)

501

Steps	Color	Tension Dial	H.C.L. Left	TUCK	PLAIN	PART	H.C.L. Right	Change Knob	Weaving Buttons	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Carriage										Apparatus										Symbols of Stitch																																																																																									

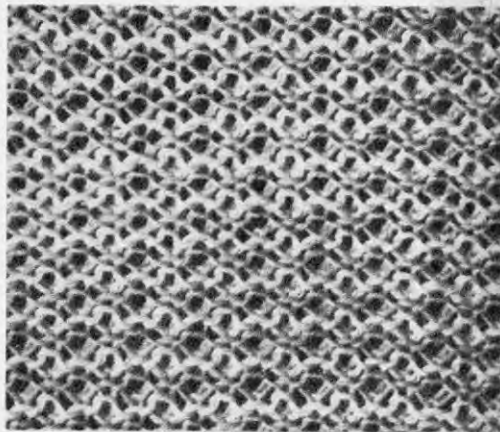
(4 sts, 6 rows = 1 pattern)



502

Steps	Color	Tension Dial	H.C.L. Left	TUCK	PLAIN	PART	H.C.L. Right	Change Knob	Weaving Buttons	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Carriage										Apparatus										Symbols of Stitch																																																																																									

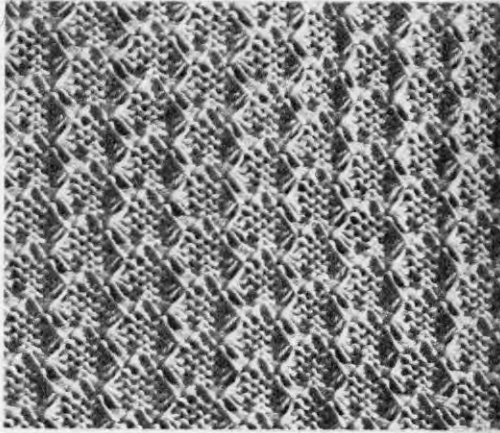
(4 sts, 4 rows = 1 pattern)



503

Steps	Color	Tension Dial	H.C.L. Left	TUCK	PLAIN	PART	H.C.L. Right	Change Knob	Weaving Buttons	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Carriage										Apparatus										Symbols of Stitch																																																																																									

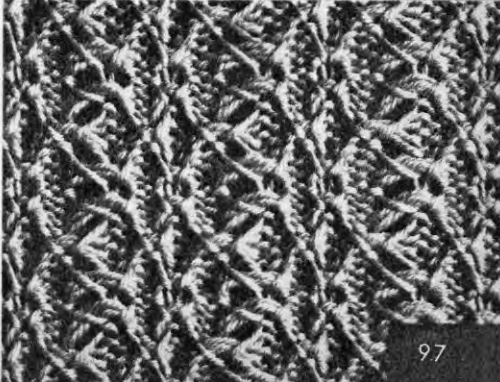
(8 sts, 8 rows = 1 pattern)



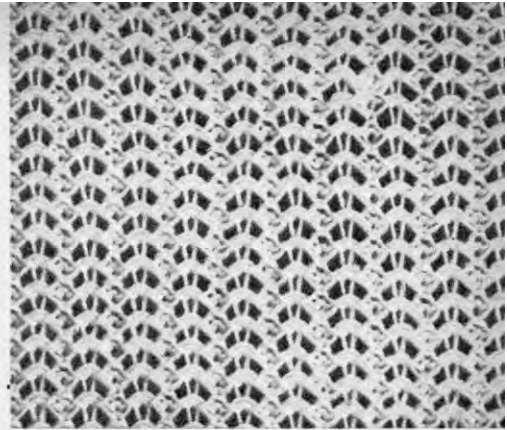
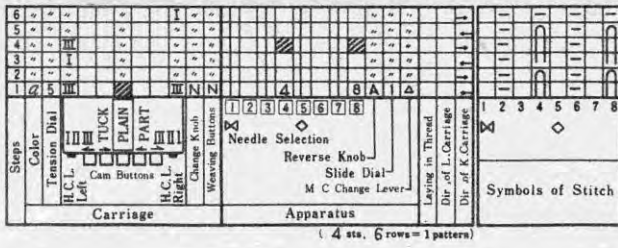
504

Steps	Color	Tension Dial	H.C.L. Left	TUCK	PLAIN	PART	H.C.L. Right	Change Knob	Weaving Buttons	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Carriage										Apparatus										Symbols of Stitch																																																																																									

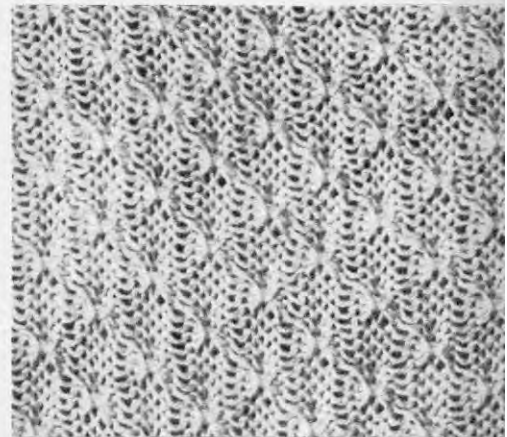
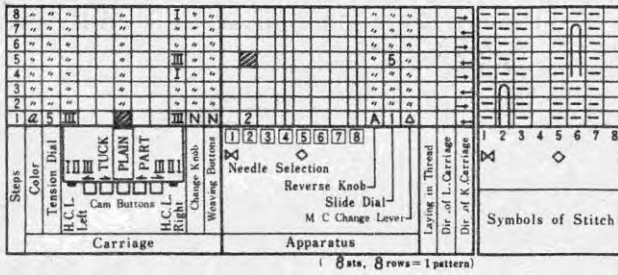
(8 sts, 12 rows = 1 pattern)



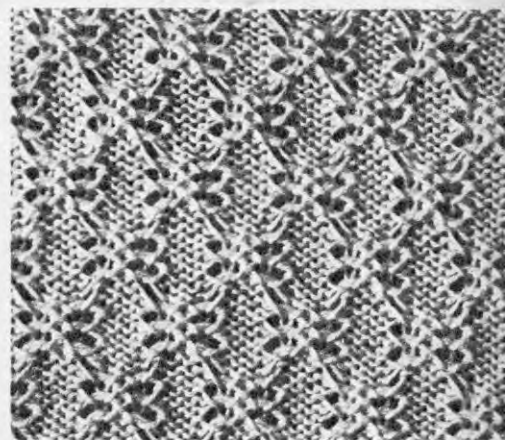
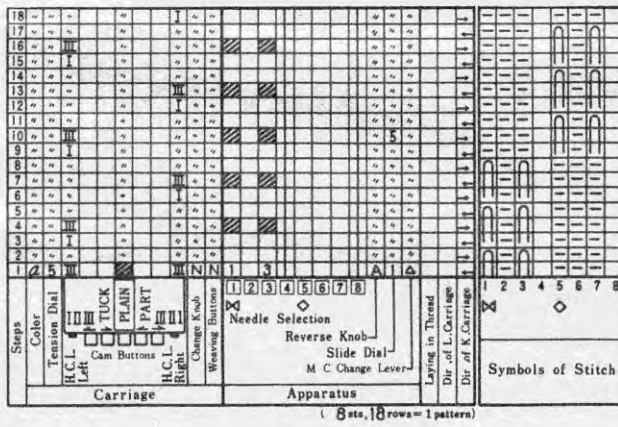
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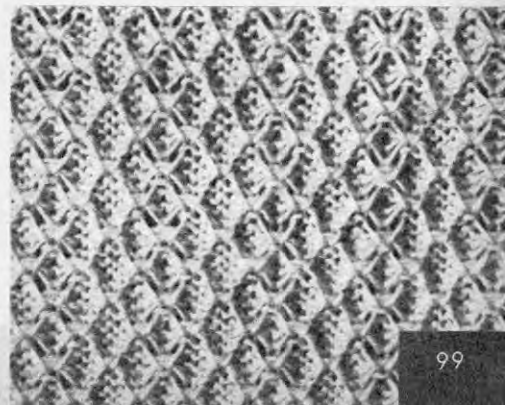
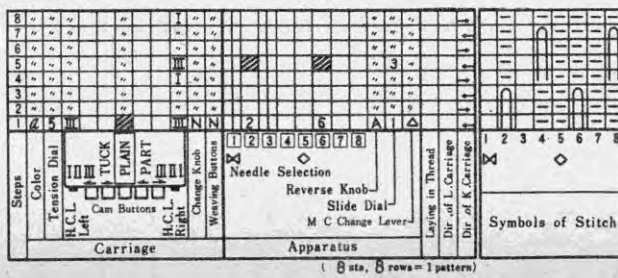
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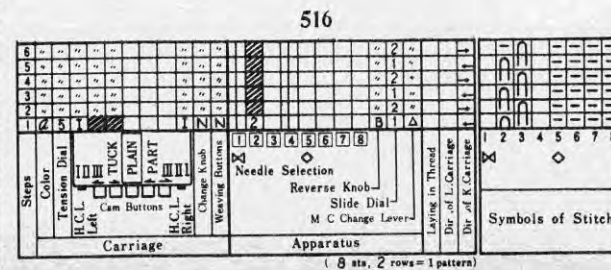
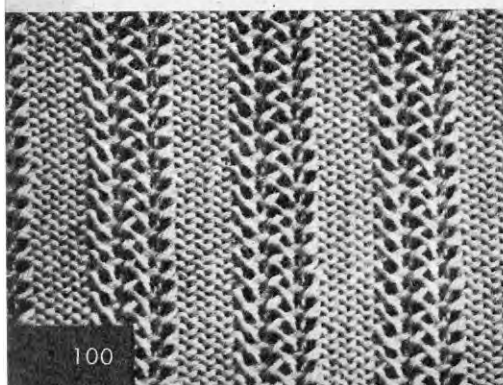
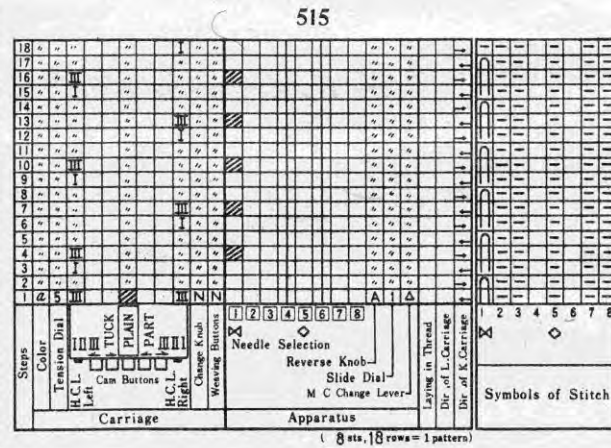
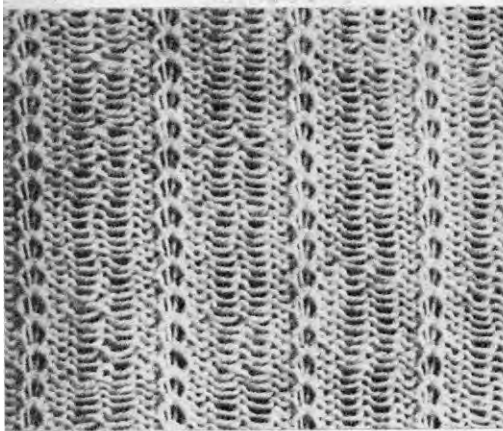
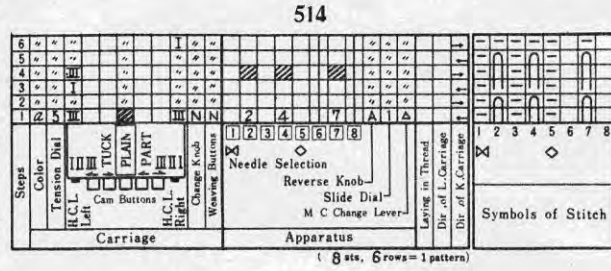
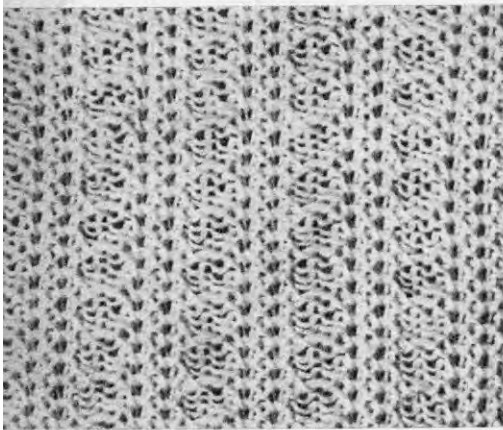
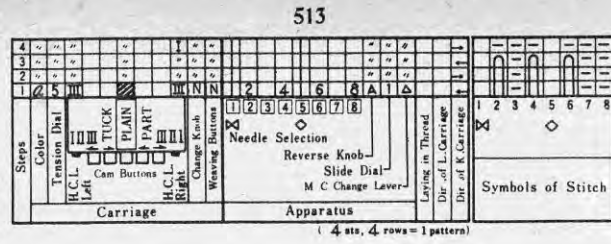
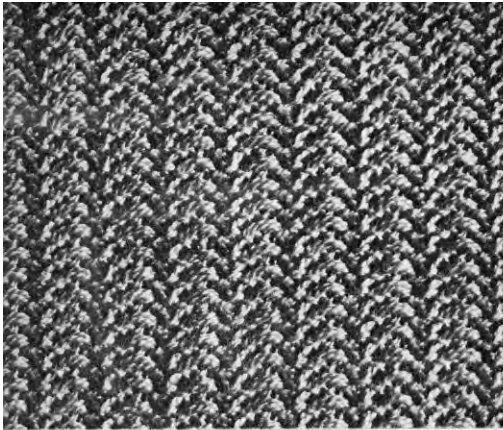


511



512





SLIP STITCH PATTERN

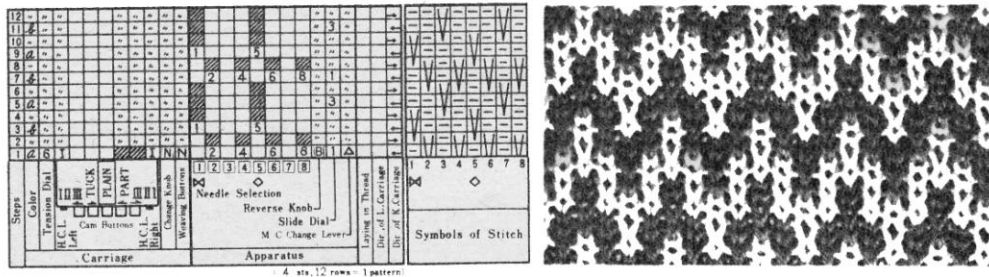
What is Slip St pattern ?

With Slip st pattern the needles selected to D position are knit while the needles remained in B position are not knit leaving the wool crossing in front of the sts which were not knit. Sometimes, slip st patterns are worked in different colours.

Features of Slip St patterns :

By using the Pattern Center all kinds of Slip st patterns are worked very easily. With solid Slip st pattern the wrong side of the garment, and with Slip st pattern in colours the right side of the garments are usually used.

How to work Slip St patterns :



CarriagePlace at the right side.

Yarn in feeder ...Thread the feeder with the knitting yarn.

Tension dial.....Set at 6.

Change leverSet both, left and right to I.

Cam buttonsDepress both "PART" buttons at the same time.

Change knobSet to N.

Weaving buttonsSet to N.

Needle selection buttons.....Depress buttons 2, 4, 6 and 8.

Reverse knobSet to 'A'.

Slide dialSet to 1.

"MC" Change leverSet to Δ mark.

Order of operations :

1. Arrange the needles by the set lever, then operate the carriage from right to left.
2. Arrange the needles again in the same condition and operate the carriage from left to right.
3. Change the setting of the N.S. Buttons to 1 & 5, and select the needles by using the Set lever. Replace the feeder with colour "b", and operate the K-carriage from right to left.
4. Arrange the needles in the same condition, operate the carriage from left to right.
5. Change the Slide dial to 3, and the wool at the feeder with colour "a". Operate the K-carriage from right to left.
6. Arrange the needles in the same condition and operate the carriage from left to right.
7. Change the setting of N.S. Buttons to 2, 4, 6 and 8, and the Slide dial to 1. Select the needles by using the Set lever. Operate the K-carriage from right to left.
8. Arrange the needles in the same condition and operate the carriage from left to right.
9. Change the setting of N.S. Buttons to 1 & 5, then operate the K-carriage from right to left.
10. Arrange the needles in the same condition, then operate the carriage from left to right.
11. Change the Slide dial to 3, replace the feeder with colour "b" and operate the K-carriage from right to left.
12. Arrange the needles in the same condition and operate the carriage from left to right.

★ Repeat the steps from 1 to 12.

FAIR-ISLE COLOUR PATTERNING

What is Fair-Isle colour patterning?

Included in this classification are large non-automatic fair-isle colour designs that you can make up yourself!

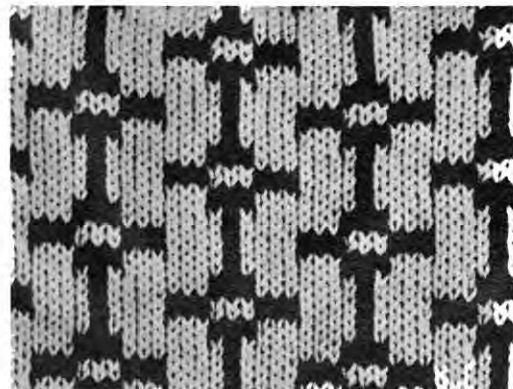
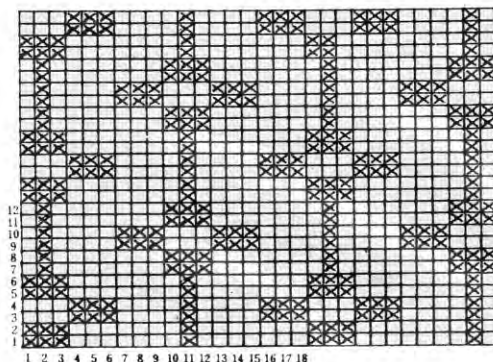
First of all, draw any picture such as a geometric design, animal or comical figure on a sheet of graph paper. Then work according to the picture you have drawn, selecting the needles manually.

Specialities of Fair-Isle colour patterning:

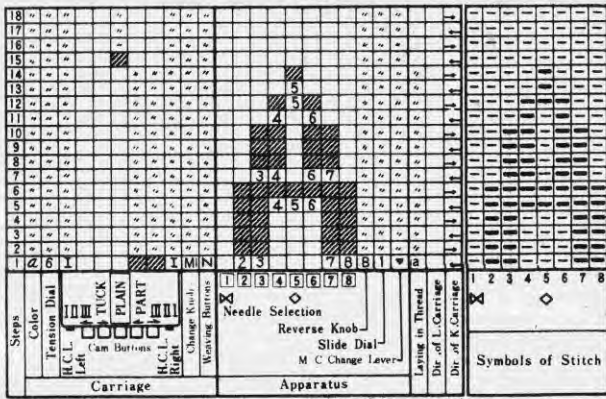
The operation of selecting the needles for the design is done manually, but you can work to any design you like. Being different from other pattern stitches, this type of colour knitting has comparatively long strands of yarn running across the wrong side of the garment. So, after the whole garment is finished, remember to fasten these long strands by crossing the wool in several places.

Order of operations:

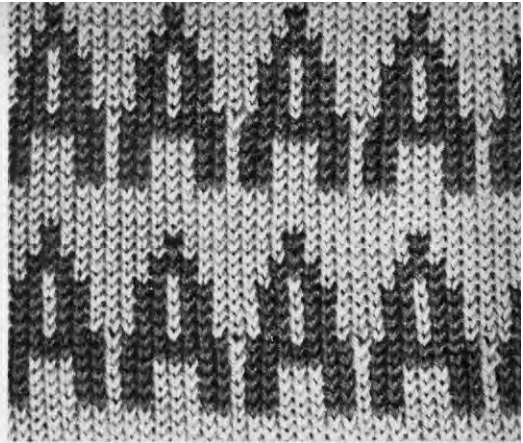
1. Push both "PART" buttons on the carriage. Both Change Levers on I. Referring to the diagram below, manually bring forward the needles from 4 to 10 and 12 to 18 to E Position. Knit 2 rows on these needles in color **a**.
 2. Now bring forward the needles which have not been selected last time, (from 1 to 3 and 11.) to position E. Knit 2 rows on these needles in color **b**.
 3. Bring forward the needles 1~3, 7~10, 12~15, and knit 2 rows in color **a**.
 4. Bring forward the needles which have not been selected at last row, 4~6, 11 and 16~18. Knit 2 rows in color **b**.
 5. Repeat 1.
 6. Repeat 2.
 7. Bring forward the needles 1, 3~9 and 13~18. Knit 2 rows in color **a**.
 8. Bring forward the needles which have not been selected at the last row, 2, 10~12. Knit 2 rows in color **b**.
 9. Bring forward the needles 1, 3~6, 10~12 and 16~18. Then knit 2 rows in color **a**.
 10. Bring forward the needles which have not been brought forward at the last row, 2, 7~9 and 13~15. Then knit 2 rows in color **b**.
 11. Repeat step 7.
 12. Repeat step 8.
- ★ Repeat steps 1 to 12.



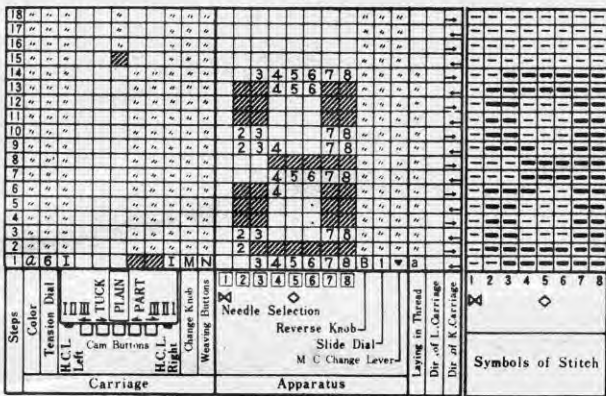
553



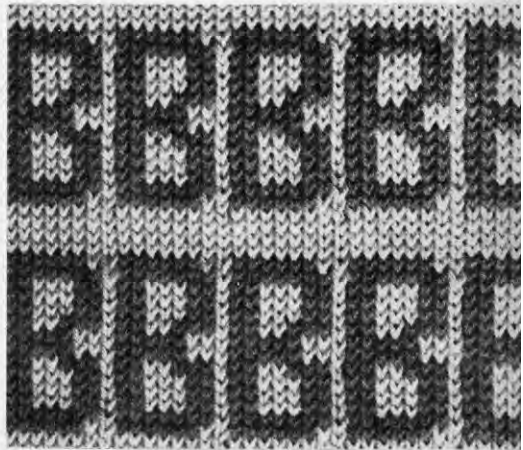
(8 sts, 18 rows = 1 pattern)



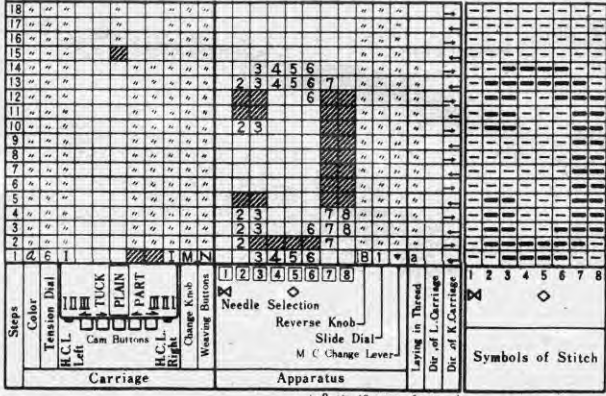
554



(8 sts, 18 rows = 1 pattern)



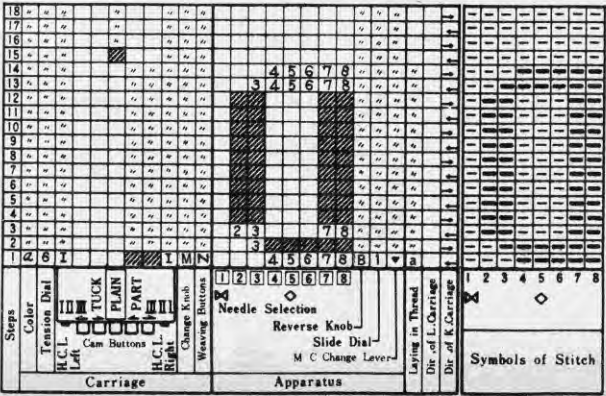
555



(8 sts, 18 rows = 1 pattern)



556



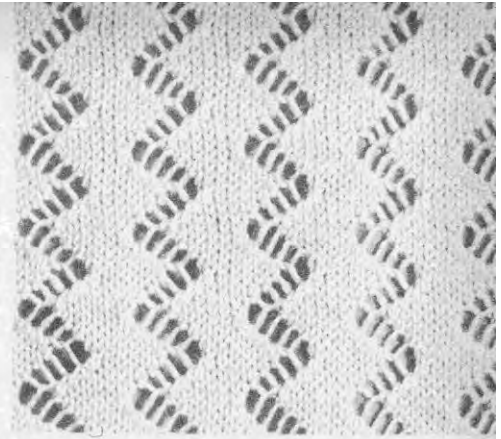
(8 sts, 18 rows = 1 pattern)



725

Steps	Color	Tension Dial	H.C.L. Left	TUCK	PLAIN	PART	H.C.L. Right	Change Knob	Weaving Buttons	Needle Selection	Reverse Knob	Slide Dial	M.C. Change Lever	Laying in Thread	Dir. of L. Carriage	Dir. of R. Carriage	Symbols of Stitch
1-8										1-8							1-8
9-16																	9-16
17-24																	17-24
25-32																	25-32
33-40																	33-40
41-48																	41-48
49-56																	49-56
57-64																	57-64
65-72																	65-72
73-80																	73-80

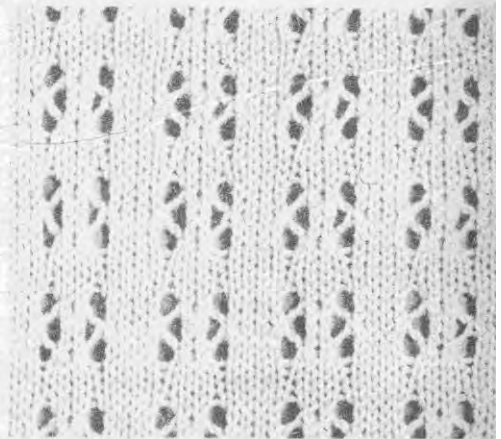
(8 sts. 8 rows = 1 pattern)



726

Steps	Color	Tension Dial	H.C.L. Left	TUCK	PLAIN	PART	H.C.L. Right	Change Knob	Weaving Buttons	Needle Selection	Reverse Knob	Slide Dial	M.C. Change Lever	Laying in Thread	Dir. of L. Carriage	Dir. of R. Carriage	Symbols of Stitch
1-10										1-8							1-10
11-20																	11-20
21-30																	21-30
31-40																	31-40
41-50																	41-50
51-60																	51-60
61-70																	61-70
71-80																	71-80

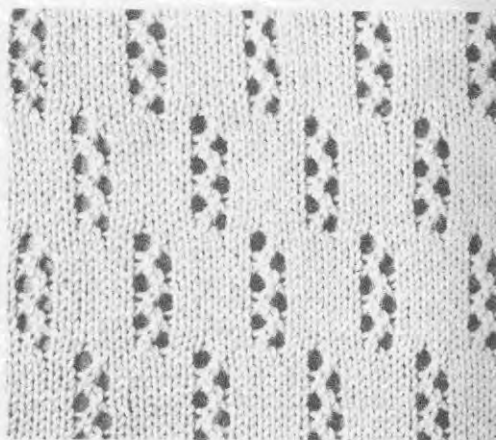
(8 sts. 10 rows = 1 pattern)



727

Steps	Color	Tension Dial	H.C.L. Left	TUCK	PLAIN	PART	H.C.L. Right	Change Knob	Weaving Buttons	Needle Selection	Reverse Knob	Slide Dial	M.C. Change Lever	Laying in Thread	Dir. of L. Carriage	Dir. of R. Carriage	Symbols of Stitch
1-12										1-8							1-12
13-24																	13-24
25-36																	25-36
37-48																	37-48
49-60																	49-60
61-72																	61-72
73-84																	73-84
85-96																	85-96
97-108																	97-108

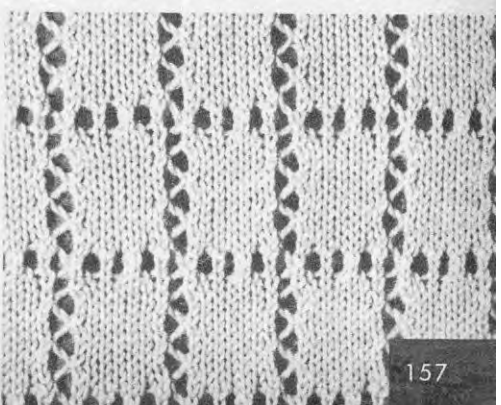
(8 sts. 24 rows = 1 pattern)



728

Steps	Color	Tension Dial	H.C.L. Left	TUCK	PLAIN	PART	H.C.L. Right	Change Knob	Weaving Buttons	Needle Selection	Reverse Knob	Slide Dial	M.C. Change Lever	Laying in Thread	Dir. of L. Carriage	Dir. of R. Carriage	Symbols of Stitch
1-3										1-8							1-3
4-14																	4-14
15-25																	15-25
26-36																	26-36
37-47																	37-47
48-58																	48-58
59-69																	59-69
70-80																	70-80
81-91																	81-91
92-102																	92-102

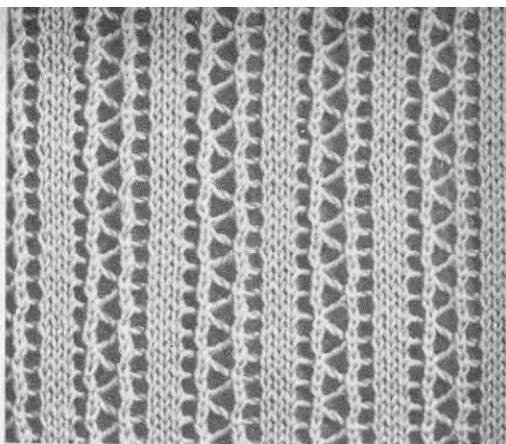
(8 sts. 14 rows = 1 pattern)



805

Steps	Color	Tension Dial	TUCK	PLAIN	PART	H.C.L. Left	H.C.L. Right	Change Knob	Weaving Buttons	Needle Selection	Reverse Knob	Slide Dial	M C Change Lever	Laying in Thread	Dir. of L. Carriage	Dir. of K. Carriage	Symbols of Stitch
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18

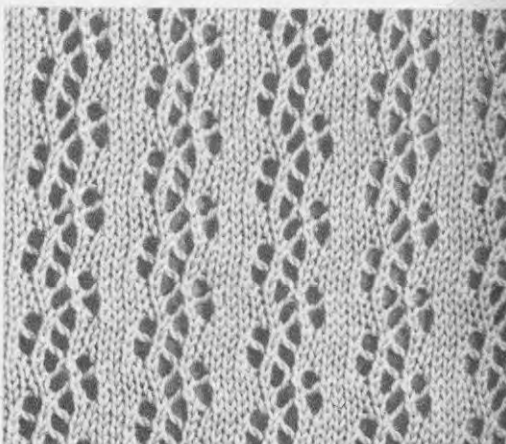
(8 sts, 4 rows = 1 pattern)



806

Steps	Color	Tension Dial	TUCK	PLAIN	PART	H.C.L. Left	H.C.L. Right	Change Knob	Weaving Buttons	Needle Selection	Reverse Knob	Slide Dial	M C Change Lever	Laying in Thread	Dir. of L. Carriage	Dir. of K. Carriage	Symbols of Stitch
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18

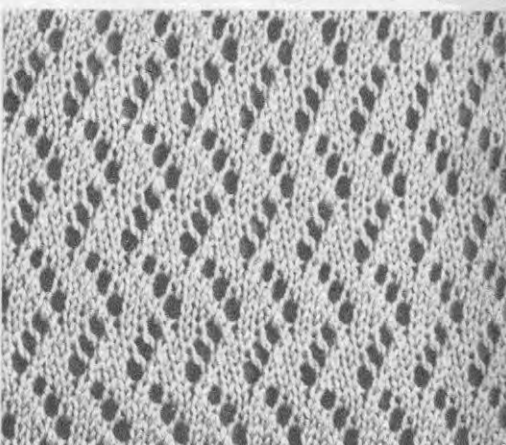
(8 sts, 8 rows = 1 pattern)



807

Steps	Color	Tension Dial	TUCK	PLAIN	PART	H.C.L. Left	H.C.L. Right	Change Knob	Weaving Buttons	Needle Selection	Reverse Knob	Slide Dial	M C Change Lever	Laying in Thread	Dir. of L. Carriage	Dir. of K. Carriage	Symbols of Stitch
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18

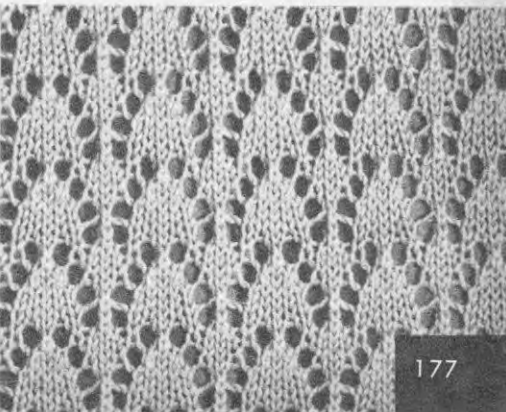
(4 sts, 12 rows = 1 pattern)

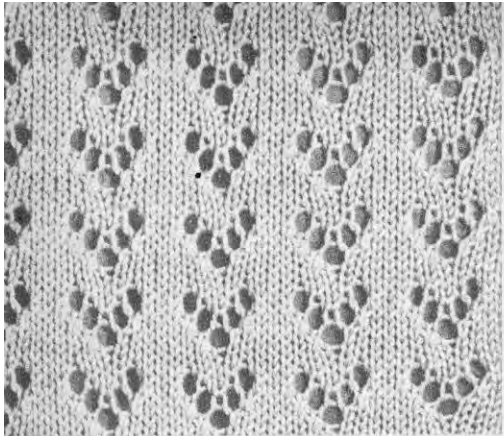


808

Steps	Color	Tension Dial	TUCK	PLAIN	PART	H.C.L. Left	H.C.L. Right	Change Knob	Weaving Buttons	Needle Selection	Reverse Knob	Slide Dial	M C Change Lever	Laying in Thread	Dir. of L. Carriage	Dir. of K. Carriage	Symbols of Stitch
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18

(8 sts, 10 rows = 1 pattern)



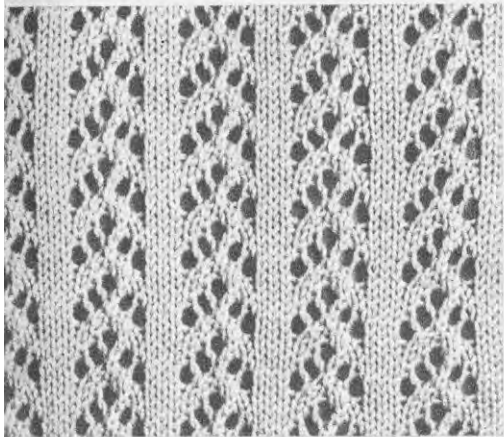


809

1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8
2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	1
3	4	5	6	7	8	1	2	3	4	5	6	7	8	1	2
4	5	6	7	8	1	2	3	4	5	6	7	8	1	2	3
5	6	7	8	1	2	3	4	5	6	7	8	1	2	3	4
6	7	8	1	2	3	4	5	6	7	8	1	2	3	4	5
7	8	1	2	3	4	5	6	7	8	1	2	3	4	5	6
8	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7

Carriage: Steps, Color, Tension Dial, H.C.L. Left, TUCK, PLAIN, PART, Cam Buttons, H.C.L. Right, Change Knob, Weaving Buttons
 Apparatus: Needle Selection, Reverse Knob, Slide Dial, M.C. Change Lever, Laying in Thread, Dir. of L. Carriage, Dir. of R. Carriage

(8 sts, 8 rows = 1 pattern)

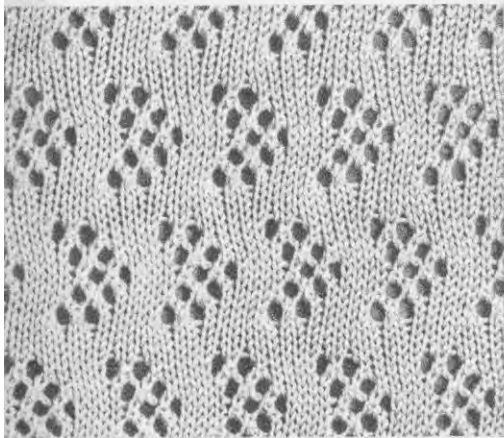


810

1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8
2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	1
3	4	5	6	7	8	1	2	3	4	5	6	7	8	1	2
4	5	6	7	8	1	2	3	4	5	6	7	8	1	2	3
5	6	7	8	1	2	3	4	5	6	7	8	1	2	3	4
6	7	8	1	2	3	4	5	6	7	8	1	2	3	4	5
7	8	1	2	3	4	5	6	7	8	1	2	3	4	5	6
8	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7

Carriage: Steps, Color, Tension Dial, H.C.L. Left, TUCK, PLAIN, PART, Cam Buttons, H.C.L. Right, Change Knob, Weaving Buttons
 Apparatus: Needle Selection, Reverse Knob, Slide Dial, M.C. Change Lever, Laying in Thread, Dir. of L. Carriage, Dir. of R. Carriage

(8 sts, 6 rows = 1 pattern)

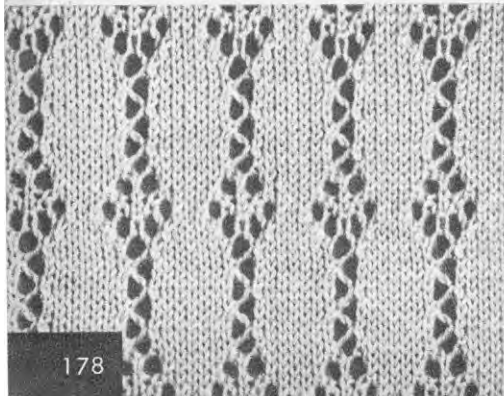


811

1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8
2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	1
3	4	5	6	7	8	1	2	3	4	5	6	7	8	1	2
4	5	6	7	8	1	2	3	4	5	6	7	8	1	2	3
5	6	7	8	1	2	3	4	5	6	7	8	1	2	3	4
6	7	8	1	2	3	4	5	6	7	8	1	2	3	4	5
7	8	1	2	3	4	5	6	7	8	1	2	3	4	5	6
8	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7
9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24

Carriage: Steps, Color, Tension Dial, H.C.L. Left, TUCK, PLAIN, PART, Cam Buttons, H.C.L. Right, Change Knob, Weaving Buttons
 Apparatus: Needle Selection, Reverse Knob, Slide Dial, M.C. Change Lever, Laying in Thread, Dir. of L. Carriage, Dir. of R. Carriage

(8 sts, 28 rows = 1 pattern)



812

1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8
2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	1
3	4	5	6	7	8	1	2	3	4	5	6	7	8	1	2
4	5	6	7	8	1	2	3	4	5	6	7	8	1	2	3
5	6	7	8	1	2	3	4	5	6	7	8	1	2	3	4
6	7	8	1	2	3	4	5	6	7	8	1	2	3	4	5
7	8	1	2	3	4	5	6	7	8	1	2	3	4	5	6
8	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7
9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24

Carriage: Steps, Color, Tension Dial, H.C.L. Left, TUCK, PLAIN, PART, Cam Buttons, H.C.L. Right, Change Knob, Weaving Buttons
 Apparatus: Needle Selection, Reverse Knob, Slide Dial, M.C. Change Lever, Laying in Thread, Dir. of L. Carriage, Dir. of R. Carriage

(8 sts, 18 rows = 1 pattern)

