

# SEVEN TREASURES

BY NATALIA VASILIEVA



**SKILL LEVEL: EXPERIENCED.**

**TECHNIQUES USED: MAGIC LOOP, FOLLOWING CHARTS, KIHNU TROI (ESTONIAN BRAIDED) CAST-ON, LATVIAN BRAIDS, STRANDED KNITTING, INVISIBLE STRANDING, LIFTED INCREASES, MODIFIED STRONG HEEL, STAR TOE.**

## FINISHED MEASUREMENTS

Sock length: 8 $\frac{5}{8}$  in. (22 cm), to fit foot length 10 in. (25.5 cm).

Sock circumference: 8 in. (20 cm), to fit foot circumference 8 $\frac{5}{8}$  in. (22 cm).

Leg circumference: 8 in. (20 cm), to fit ankle circumference 8 $\frac{5}{8}$  in. (22 cm).

Leg length (from cuff edge to heel turn): 10 $\frac{1}{2}$  in. (26.5 cm).

## TOOLS AND MATERIALS

- **Berroco Ultra Alpaca Fine** (20% alpaca, 50% wool, 30% polyamide (nylon); 433 yd. (396 m) per 100 g): 1 skein in #1245 Black as MC
- **Classic Elite Yarns Alpaca Sox** (60% alpaca, 20% merino, 20% polyamide (nylon); 450 yd. (411 m) per 100 g): 1 skein in #1863 Aztec Gold as CC

Yarn usage for sample socks: 52 g (226 yd. (206 m)) of MC, 51 g (230 yd. (210 m)) of CC.

You may need more depending on chosen charts and the length of the leg.

- **Circular needles US 0 (2 mm)** or size to get the gauge; at least 32 in. (80 cm) long
- **Spare circulars or long dpn** of the same size (US 0 (2 mm)).
- **Larger needles** (for the whole cuff or cast-on and Latvian half-braid only, optional; you may need different bigger sizes for cast-on and the whole cuff)

## GAUGE

4x4 repeats of *Leg/Instep Chart*: 32 sts x 40 rows = 3 $\frac{1}{2}$  x 3 $\frac{3}{4}$  in. (9 x 9.5 cm).

2x4 repeats of *Heel/Sole Chart*: 24 sts x 24 rows = 2 $\frac{3}{8}$  x 2 $\frac{3}{8}$  in. (6 x 6 cm).

## PATTERN NOTES

These socks are worked in Magic Loop (ML) technique with the beginning of the round (BOR) at the inner side of leg/foot. You may utilize any other technique of your choice preserving BOR position.

Socks are worked cuff-down. They start with Kihnu Troi (Estonian braided) cast-on followed by a half of Latvian braid (i.e. the first round of the braid only). The cuff features invisible (ladderback) stranding to dismiss “mandatory” ribbing and is completed with a full Latvian braid. Socks feature modified Strong heel and Star toe, both in pattern (the same as for sole). Some lifted increases for leg gussets are implemented “between” the needles.

All the charts are mirrored for both socks, but feel free to combine *Right Cuff Chart* with *Left Leg/Instep* or *Heel/Sole Charts*, or corresponding charts in reversed colors.

## STITCH PATTERN NOTES

Cuffs are worked in invisible stranding technique to prevent long floats. This is achieved by introducing of “hidden” purl stitches which serve as anchors for those floats. (The method resembles double knitting where for the second layer you only work every 4th stitch and strand across the other three.)

Leg and instep employ purl stitches on public side of stranded pattern to mimic short strokes of sashiko embroidery.

Occasionally, MC strands longer than 5 stitches may happen between *Leg/Instep* and *Heel/Sole charts*. If you wish, you may catch these at the first and/or last CC stitches of *Heel/Sole needle*.

If you experience tension troubles when stranding, it is possible to work the sock inside out: <http://www.youtube.com/watch?v=KgU-1QiEWts> (by KnittyMelissa).

## DIRECTIONS

For the sake of this pattern, CC is the yarn used for patterning; when stranding, you hold it lower than MC (or to the left of it): for instance, if stranding two-handed, CC should be in the left hand.

For the best effect it is recommended CC yarn to be the same thickness as MC yarn or thicker a bit; CC thinner than MC is undesirable.

## RIGHT SOCK

### CUFF:

***Tip:** Because of the stranded nature of the cast-on, it may be a good idea to use bigger needles for it and the following Latvian half-braid, to keep the edge reasonably stretchy. If your calves are more or less pronounced, you may use bigger needles for the whole cuff since the leg is relatively high.*

*For the sample socks, US 1.5 (2.5 mm) needles were used for cast-on and half-braid, and US 1 (2.25 mm) needles were used for the cuff.*

Cast on 73 sts using Kihnu Troi (Estonian braided) method<sup>1</sup> starting with MC loop (i.e. placing MC slipknot to the left of CC slipknot) and ending with two CC loops. **DO NOT UNTWIST YARNS NOW!** Make sure both yarns are in front and join in the round, being careful not to twist the stitches, by sliding the last CC loop to the beginning of the round and passing it over the first MC loop = 36+36 sts.

To untwist the yarns work the first round (only) of left-slanting Latvian braid<sup>2</sup> (where you rotate your wrist away from you to bring the working yarn always in front of previously used yarn; follow the direction your yarns are twisted in already); this also results in a double braid along the edge. If your yarns haven't untwisted and you don't have a double braid along the edge, then you probably have worked Latvian braid in the opposite direction.

***Note:** If you want to employ reversed Kihnu Troi cast-on, it then should be followed by the first round of right-slanting Latvian braid, as instructed for Left Sock (see p.8).*

With MC, knit 2 rounds and then proceed to ***Right Cuff Chart*** as follows:

---

<sup>1</sup> Kihnu Troi cast-on is described in "Cast-on, Bind-off: 211 Ways to Begin and End Your Knitting" by Cap Sease, p.59; see also video by vermontfelter: <http://www.youtube.com/watch?v=K8VS7wJkgzU>

<sup>2</sup> WEBS video for Latvian braids: <http://www.youtube.com/watch?v=Mr9lWsalYJc>. Instructions for the right-slanting Latvian braid start at 1:55.



**Round 1:** With MC, (\*) k4, m1 purl; repeat from (\*) across = 6 repeats (outlined 12+3 sts) of *Right Cuff Chart* around the leg, 45+45 sts.

**Rounds 2-30:** Pick up CC and (\*) work next 4 sts in regular stranded technique according to *Right Cuff Chart* starting from Row 2, then purl the next stitch with the yarn not being in use while holding your working yarn in front of it; repeat from (\*) across. You'll start with stitches ##1-10, then repeat stitches ##11-25 for 5 times, and end with stitches ##25-30.

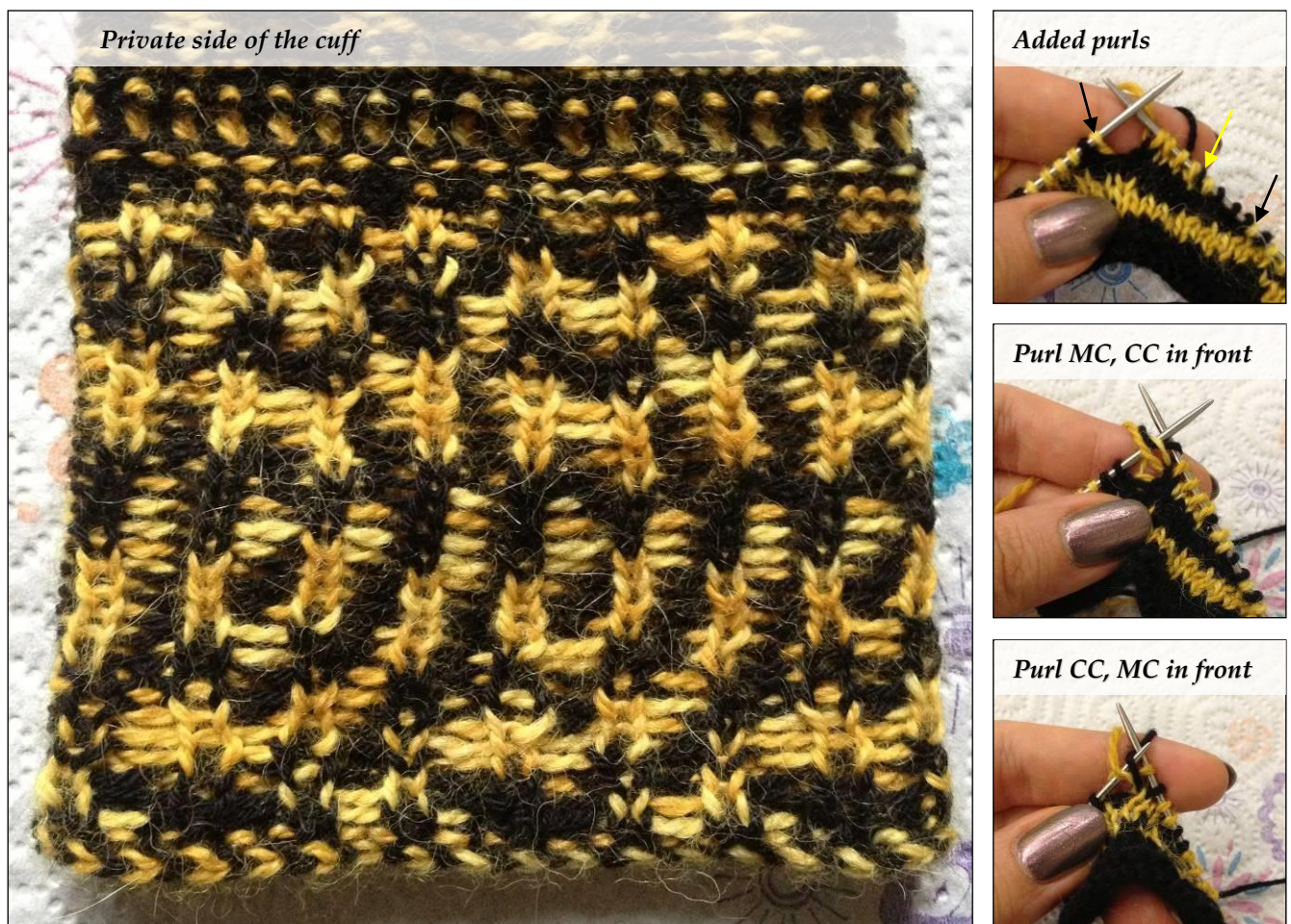
*Tip: If the purl stitch resides at the color change, it is recommended to purl it using the yarn of the opposite color of the knit stitch just worked, e.g. if the last knit stitch was MC and the next knit stitch is going to be CC, then purl with CC rather than MC, – but you may purl such a stitch with whichever yarn, just don't forget to strand the other yarn in front of it; see illustrations below.*

**Round 31:** K1 CC, k2 MC, ssk MC, (\*) k3 MC, ssk MC; repeat from (\*) across = 36+36 sts.

**Rounds 32-33:** With MC, knit.

**Round 34:** (\*) k1 MC, k1 CC; repeat from (\*) across.

Work the full right-slanting Latvian braid (i.e. both rounds), starting with MC yarn, to complete the cuff.



## LEG:

With MC, knit 2 rounds. With CC, knit 1 round.

Proceed to **Right Leg/Instep Chart** repeating it for 9 times around the leg. Please note the 5th repeat will be split between the needles at the middle of the round.

Work Row 0 once, then repeat Rows 1-10 for at least 2 times or as many times as you wish, and then work Rows 1-8 once more.

**Note:** You may end at any other row of your choice, but further row numbers and **Gusset Charts** will be no longer applicable and you'll be on your own.

**Heel Transition round:** *Back of leg:* Using spare circular needles, knit with CC till the end of ML Needle 1, then slide all the stitches to the opposite end of the spare needle and using MC and your main needle work Row HT<sup>3</sup> of **Right Heel/Sole Chart**: begin with stitches ##1-5, repeat stitches ##6-17 for 2 times, and end with stitches ##18-24. *Instep (ML Needle 2):* Continue in pattern as established (Row 9 of **Right Leg/Instep Chart** starting from stitch #5).

**Next round:** *Back of leg:* Work Row 2 of **Right Heel/Sole Chart**. *Instep:* Work next row (10) of **Right Leg/Instep Chart**.

## LEG GUSSETS:

**Tip:** If you have to put the work down, it's recommended to do it after Row 6 of **Heel/Sole Chart**.

In this section you will introduce leg gussets between the heel and instep halves while maintaining added stitches according to **Right Gusset Charts** (shaped **Right Leg/Instep Chart**) and continuing in patterns as established elsewhere, i.e. keeping instep as it goes (starting from stitch #5 of **Right Leg/Instep Chart**) and working Rows 3-6 of **Right Heel/Sole Chart** once and then repeating Rows 1-6 for the back of leg.

Proceed as follows:

**Set-up round:** *Back of leg:* Work next row (3) of **Right Heel/Sole Chart** (36 sts); lift the left leg of the stitch two rows below CC stitch just worked and work it according to next row of **Right Gusset Chart I** (= Left-leaning lifted increase, LLinc), starting from Row 1 = 1 st increased. *Instep:* Work next row (1) of **Right Leg/Instep Chart** (36 sts); lift the right leg of the stitch one row below next CC stitch (on the cable) and work it according to next row of **Right Gusset Chart II** (= Right-leaning lifted increase, RLinc), starting from Row 1 = 1 st increased.

---

<sup>3</sup> Row HT mimics Row 1 with CC stitches being slipped wyib instead of knitted.

**Next round:** Work in patterns as established.

**Increase round:** *Back of leg:* Work next row of **Right Heel/Sole Chart**; work next row of **Right Gusset Chart I**, starting with LLinc in appropriate color = 1 st increased. *Instep:* Work next row of **Right Leg/Instep Chart**; work next row of **Right Gusset Chart II**, ending with RLinc in appropriate color = 1 st increased.

**Next round:** Work in patterns as established.

Repeat last 2 rounds for 14 more times = 36+16 sts on ML Needle 1, Row 4 of **Right Heel/Sole Chart**; 36+16 sts on ML Needle 2, Row 2 of **Right Leg/Instep Chart**.

## **HEEL TURN:**

**Tip: It is strongly recommended to work through Heel Turn section in a single run!**

V-shaped heel is worked according to **Right Heel Turn Chart** (shaped **Right Heel/Sole Chart**) on back of leg stitches only as follows:

Transfer 16 stitches of the second gusset from ML Needle 2 (instep) onto ML Needle 1 (heel) = 16+36+16 sts on ML Needle 1, with beginning of the round between stitches ##16&17.

**Short row 1 (RS):** Work across next 20 sts in pattern (equals to Row 5 of **Right Heel/Sole Chart**), ssk CC, k1 CC, turn.

**Short row 2 (WS):** P1 CC anchoring MC float at the turning point on WS<sup>4</sup>, work across next 5 sts in pattern as established, p2tog CC, p1 CC, turn.

**Short row 3 (RS):** K1 CC anchoring MC float at the turning point on WS, work in pattern as established to 1 st before gap of previous turn, ssk CC closing gap, k1 CC, turn.

**Short row 4 (WS):** P1 CC anchoring MC float at the turning point on WS, work in pattern as established to 1 st before gap of previous turn, p2tog CC closing gap, p1 CC, turn.

Repeat *Short rows 3-4* for 13 more times, expanding heel turn trapezoid 1 stitch at the end of each row, for 30 rows in total, until 1+36+1 sts left on the needles = Row 34 of **Right Heel Turn Chart** (equals to Row 4 of **Right Heel/Sole Chart**).

## **FOOT:**

Maintaining patterns as established, resume working in the round as follows:

---

<sup>4</sup> You may find a video by Suzanne Bryan on working heel turn (in pinstripes) in this manner here: <http://www.youtube.com/watch?v=b2A-aZWpArY>

**Next round:** *Sole* (ML Needle 1): Work next row (35) of **Right Heel Turn Chart** starting with k1 CC anchoring MC float at the turning point on WS and ending with ssk CC closing gap = 1+36 sts. *Instep* (ML Needle 2): Work next row (3) of **Right Leg/Instep Chart**.

**Next round:** *Sole*: Work next row (36) of **Right Heel Turn Chart** starting with k2tog CC closing gap (equals to Row 6 of **Right Heel/Sole Chart**) = 36 sts. *Instep*: Work next row (4) of **Right Leg/Instep Chart**.

Continue in patterns as established till the desired length of foot ending with Row 6 of **Right Heel/Sole Chart**. Try to manage to stop at Row 1, 2, 9, or 10 of **Right Leg/Instep Chart** at the same time.

*Note: If you end up at another row of Right Heel/Sole Chart, Right Toe Chart and further row numbers will be no longer applicable, so you'll be on your own.*

Sample socks have 36 rounds in the foot after completing **Right Heel Turn Chart**.

If you wish, you may incorporate **Right SM10 Logo Chart** (see p.14) on the sole starting somewhere at 3rd-5th repeat of **Right Heel/Sole Chart** (i.e. on Round 13, 19, or 25 of the foot since these are aligned with Row 1 of **Right Heel/Sole Chart**). After completing **Right SM10 Logo Chart** continue from Row 4 of **Right Heel/Sole Chart**.

*Tip: It is recommended to put a lifeline before SM10 Logo Chart in case you may not like it.*

**Toe Transition round:** *Sole*: Work next row (1) of **Right Heel/Sole Chart** replacing last k1 CC with k1 MC. *Instep*: Using spare circular needles, knit with CC till the end of ML Needle 2, then slide all the stitches to the opposite end of the spare needle and with MC and main needle work Row TT<sup>5</sup> of **Right Toe Chart** repeating it for 3 times across.

## **TOE:**

Proceed to **Right Toe Chart** (shaped **Right Heel/Sole Chart**) and repeat it for 6 times around the toes, working Rows 2-22 once = 6 sts.

(Basically, you'll have 6 decreases spaced evenly around. For the first 3 decreases you work 2 "plain" rounds after decrease round, for the next 4 decreases it is 1 "plain" round after decrease round, and for the last 4 decreases there are only decrease rounds.)

---

<sup>5</sup> Row TT mimics Row 1 with CC stitches being slipped wyib instead of knitted, so adjust accordingly if you've ended up at the different row of **Right Heel/Sole Chart**.



Cut the yarns leaving tails 4-8 in. (10-20 cm) long, pull one through the remaining stitches and draw tight.

## LEFT SOCK

is worked mostly the same as **Right Sock**, but with front of leg-instep being ML Needle 1 and back of leg-heel-sole being ML Needle 2 – to keep the beginning of the round at the inner side of leg. This means, in particular, that for the Heel Transition you will first work through instep stitches and then do Row HT stuff.

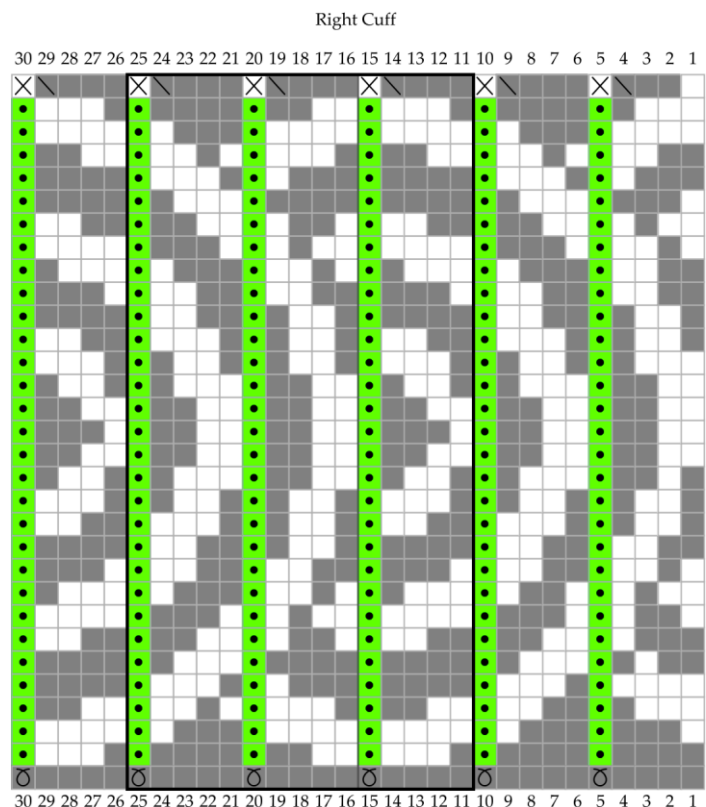
For the sake of symmetry, you may start with reversed Kihnu Troi cast-on (photo-tutorial can be found here: <http://www.ravelry.com/projects/skeincharmer/reversed-kihnu-troi-cast-on>) and the first round (only) of right-slanting Latvian braid (where you rotate your wrist towards you to bring the working yarn from behind the previously used yarn), and also use full left-slanting Latvian braid to complete the cuff, so all the braids on two socks to be mirrored.

Next, *Right Charts* might be replaced with corresponding *Left Charts*. In this case you'll have *Left Gusset I* and *Leg* stitches on ML Needle 1, then *Left Gusset II* and *Heel* stitches on ML Needle 2; *Left Heel Turn* will start one round earlier (aligned with Row 4 of *Left Heel/Sole Chart*) resulting in the sole one row longer since work in the round for the sole resumes from Row 34 of *Left Heel Turn Chart*; optional *Left SM10 Logo Chart* could be started on Round 16, 22, or 28 of the foot (aligned with Row 4 of *Left Heel/Sole Chart*), then the foot will continue from Row 1 of *Left Heel/Sole Chart*.

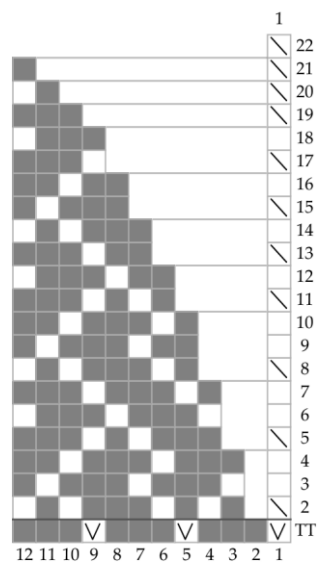
And finally, **Toe Transition round** should be worked as follows: *Instep*: Using spare circular needles, knit with CC till the end of ML Needle 1, then slide all the stitches to the opposite end of the spare needle and with MC and main needle work Row TT of corresponding *Toe Chart* (i.e. *Right Toe Chart* if you choose to work the second sock the same, or *Left Toe Chart* if you choose to make it mirrored) repeating it for 3 times across. *Sole*: Work next row (1) of corresponding *Heel/Sole Chart* replacing last (in case of *Right Heel/Sole Chart*) or first (in case of *Left Heel/Sole Chart*) k1 CC with k1 MC.

## FINISHING

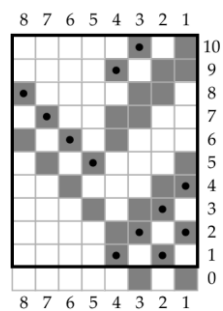
Weave in all ends. Block if desired.



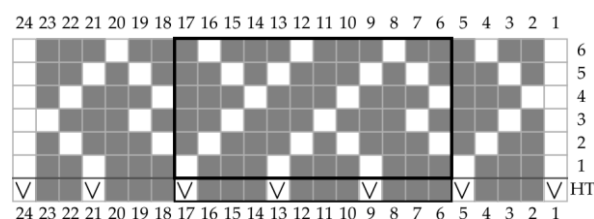
Right Toe



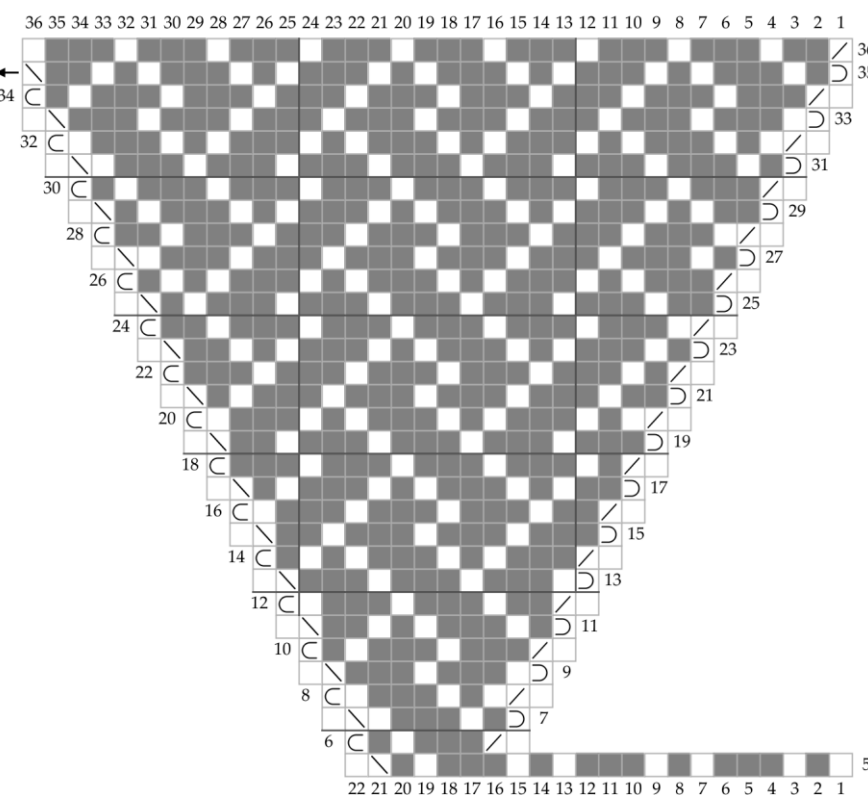
Right Leg/Instep



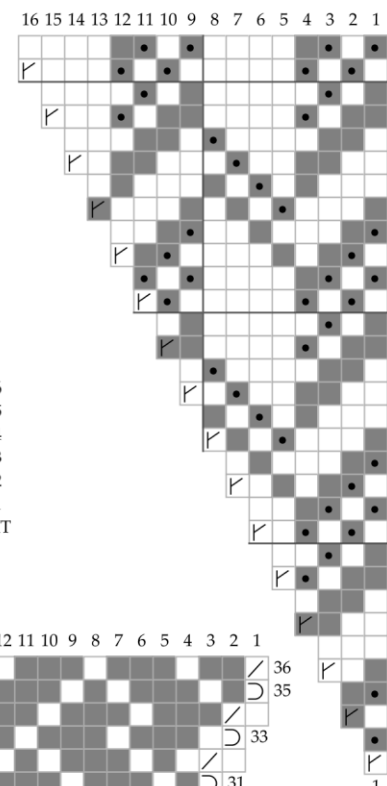
Right Heel/Sole



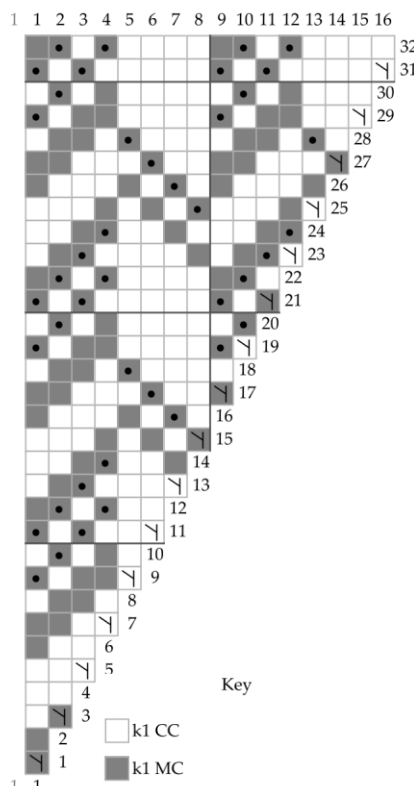
Right Heel Turn



Right Gusset II

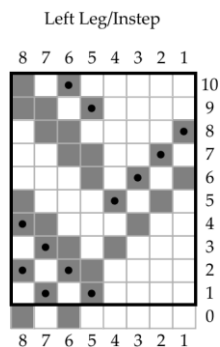
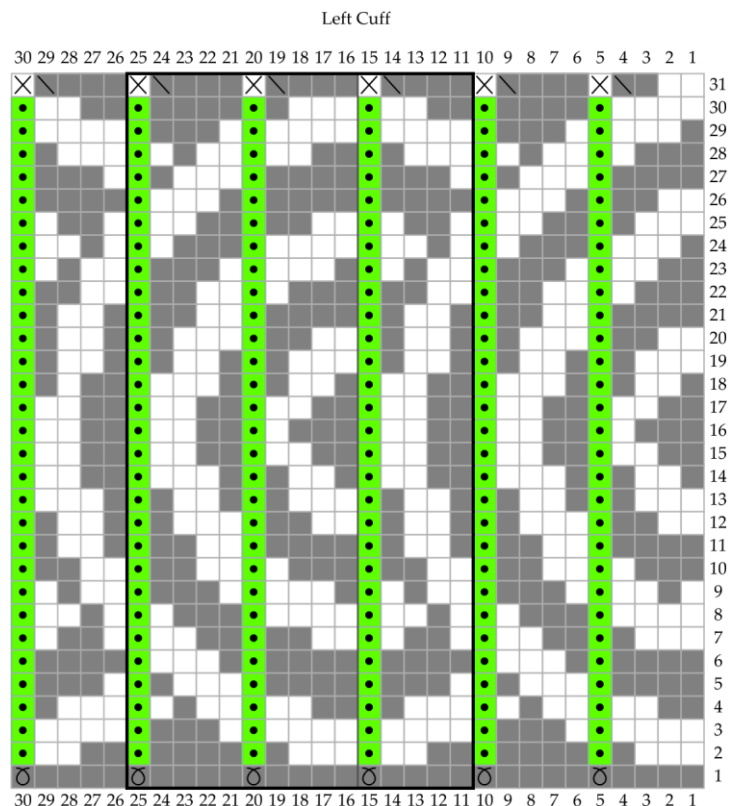


Right Gusset I

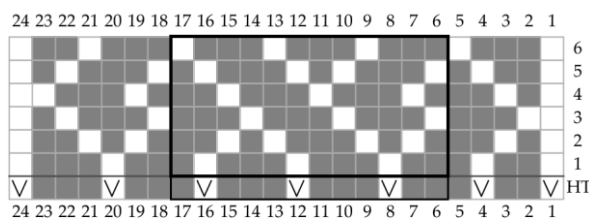


Key

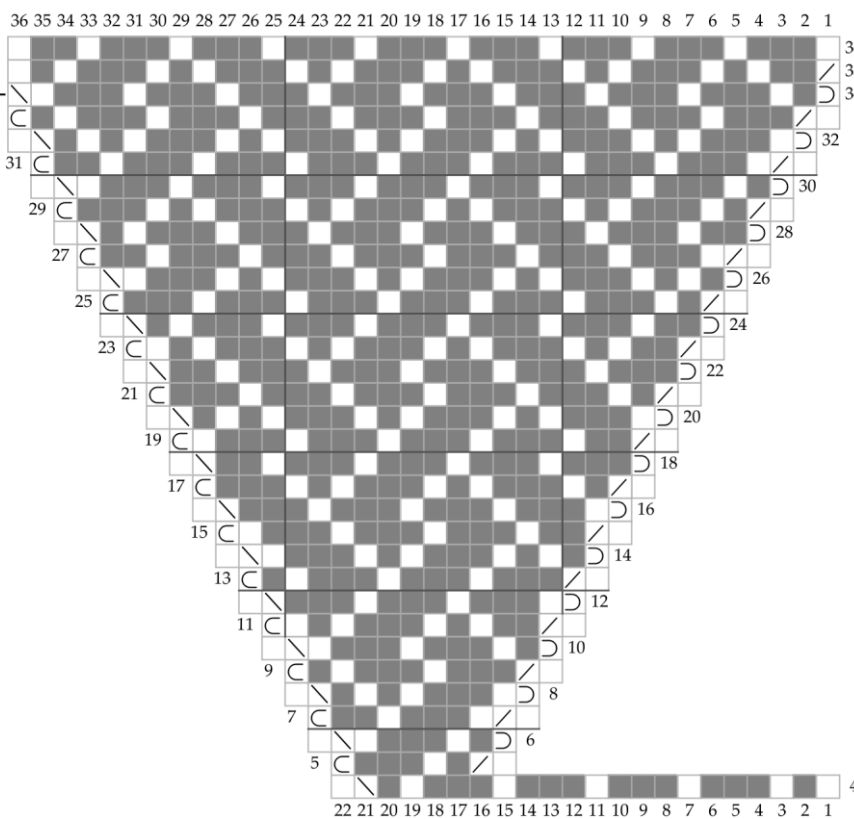
- k1 CC
- k1 MC
- m1 purl MC
- p1 with unused yarn stranding working yarn in front of it; if switching between colors, p1 with whichever one
- p1 MC
- ssk
- k2tog on RS, p2tog on WS
- no stitch
- slip 1 CC wyib
- left-leaning lifted increase (LLinc)
- right-leaning lifted increase (RLinc)
- p1 anchoring MC strand on WS
- k1 anchoring MC strand on WS
- repeat
- continue in the round



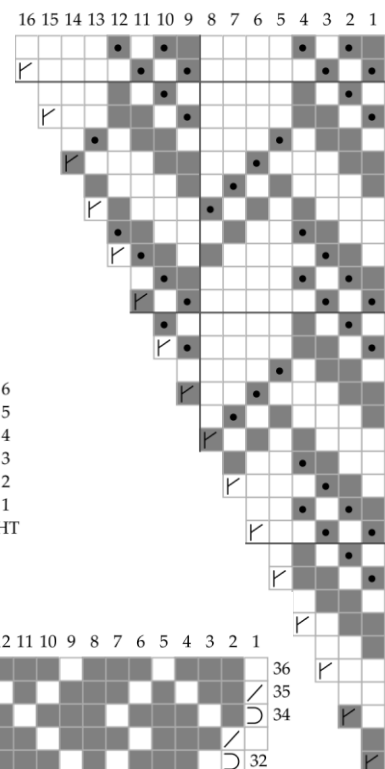
Left Heel/Sole



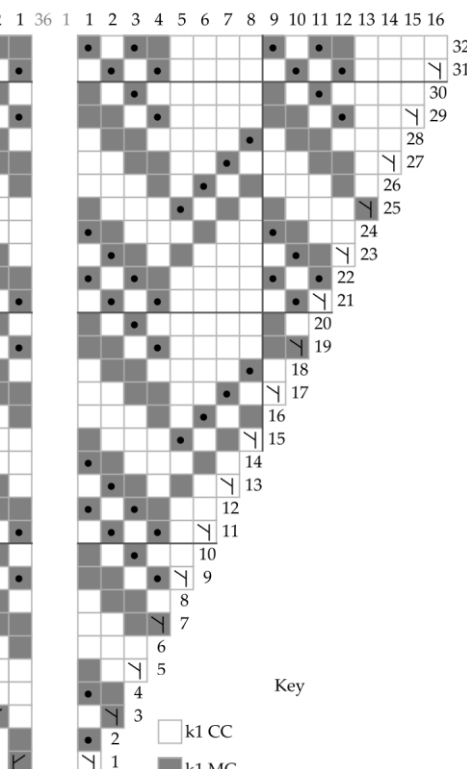
Left Heel Turn



Left Gusset II

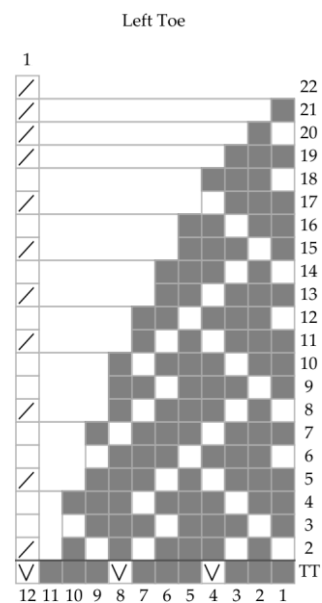


Left Gusset I



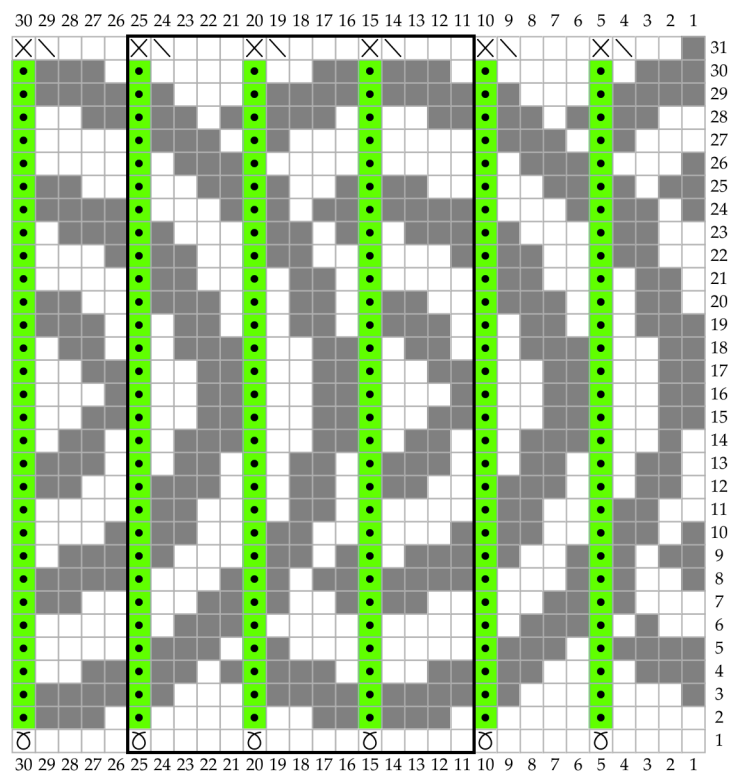
Key

- k1 CC
- k1 MC
- m1 purl MC
- p1 with unused yarn stranding working yarn in front of it; if switching between colors, p1 with whichever one
- p1 MC
- ssk
- k2tog on RS, p2tog on WS
- no stitch
- slip 1 CC wyib
- left-leaning lifted increase (LLinc)
- right-leaning lifted increase (RLinc)
- p1 anchoring MC strand on WS
- k1 anchoring MC strand on WS
- repeat
- continue in the round

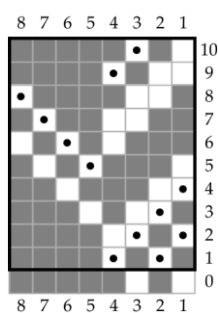


“Seven Treasures” by Natalia Vasilieva: Dark MC, light CC

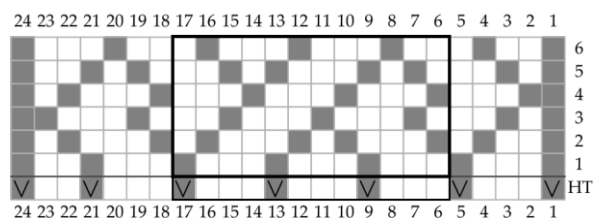
Right Cuff



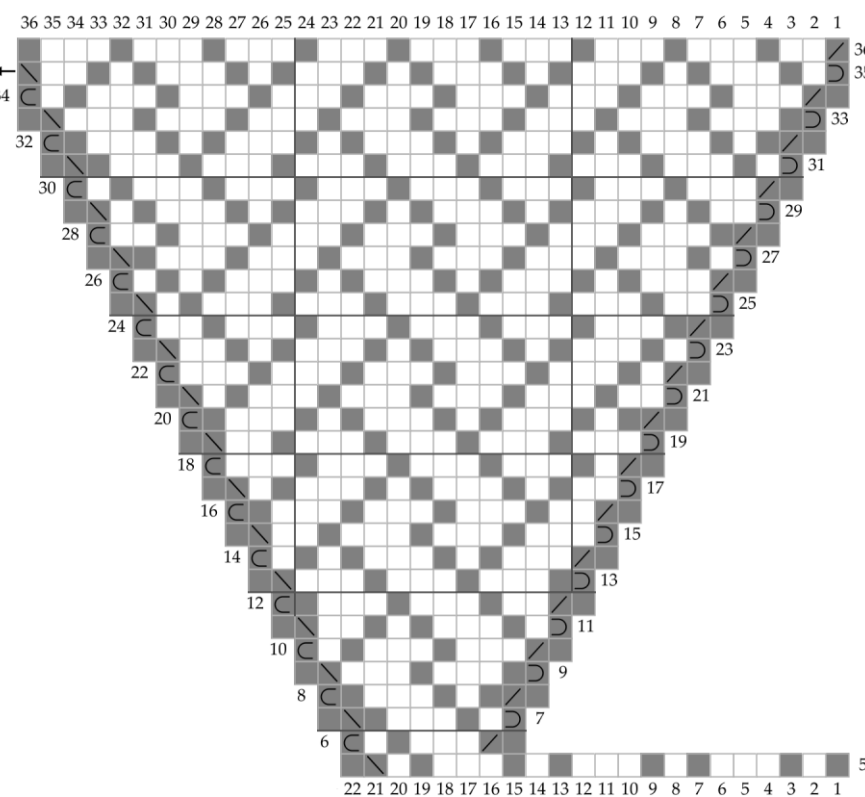
Right Leg/Instep



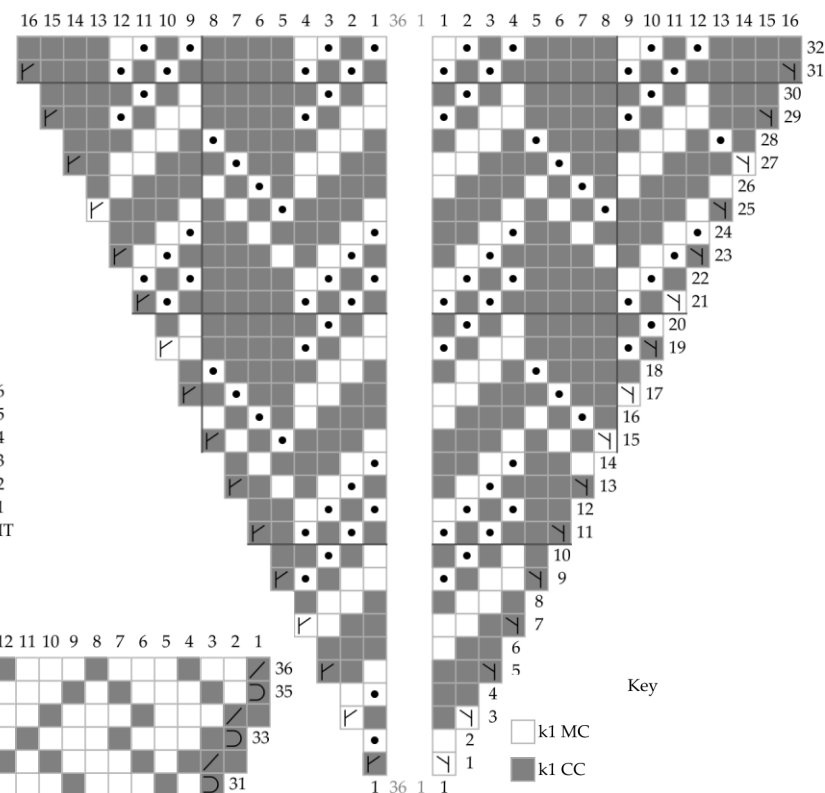
Right Heel/Sole



Right Heel Turn



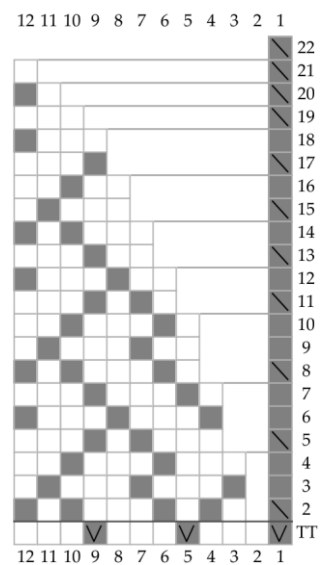
Right Gusset I &amp; II



Key

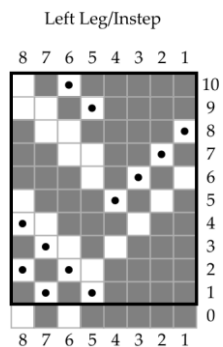
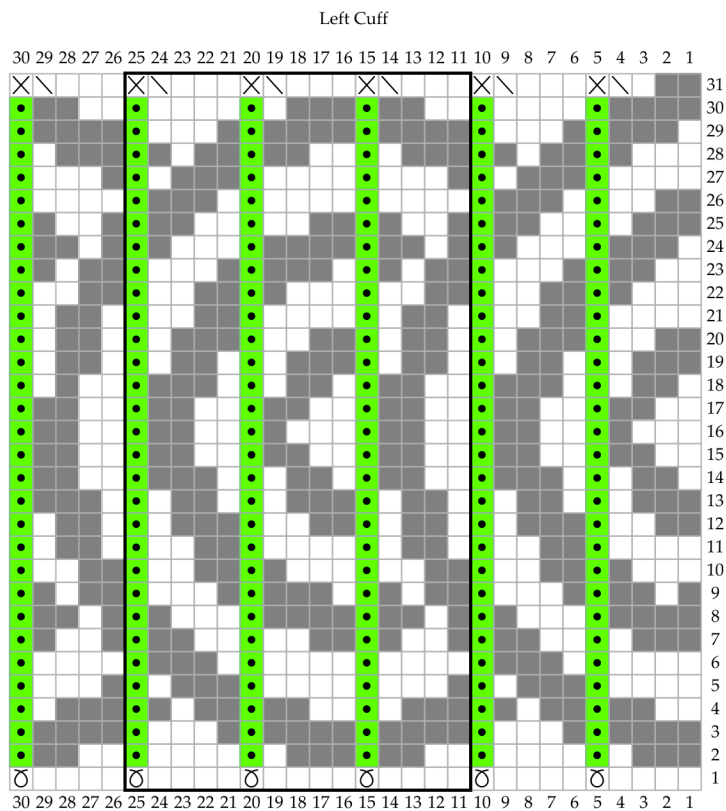
- k1 MC
- k1 CC
- p1 with unused yarn stranding working yarn in front of it; if switching between colors, p1 with whichever one
- p1 MC
- ssk
- k2tog on RS, p2tog on WS
- no stitch
- slip 1 CC wyib
- left-leaning lifted increase (LLinc)
- right-leaning lifted increase (RLinc)
- p1 anchoring MC strand on WS
- k1 anchoring MC strand on WS
- repeat
- continue in the round

Right Toe

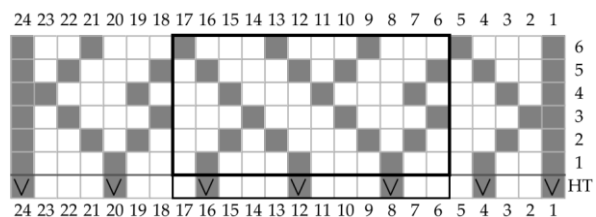


"Seven Treasures" by Natalia Vasilieva: Light MC, dark CC

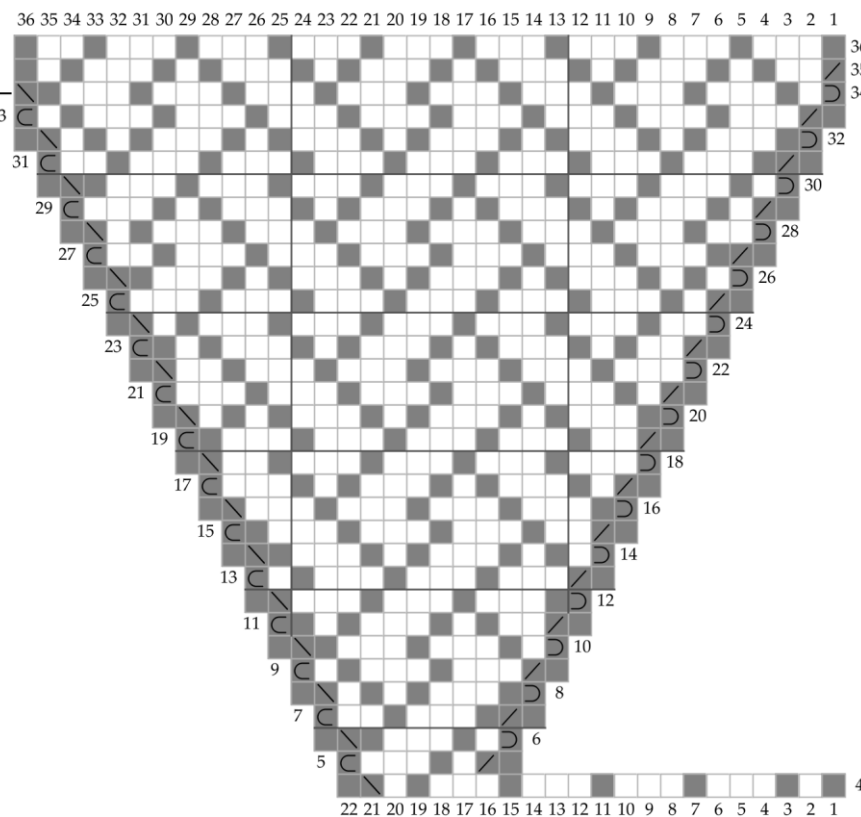




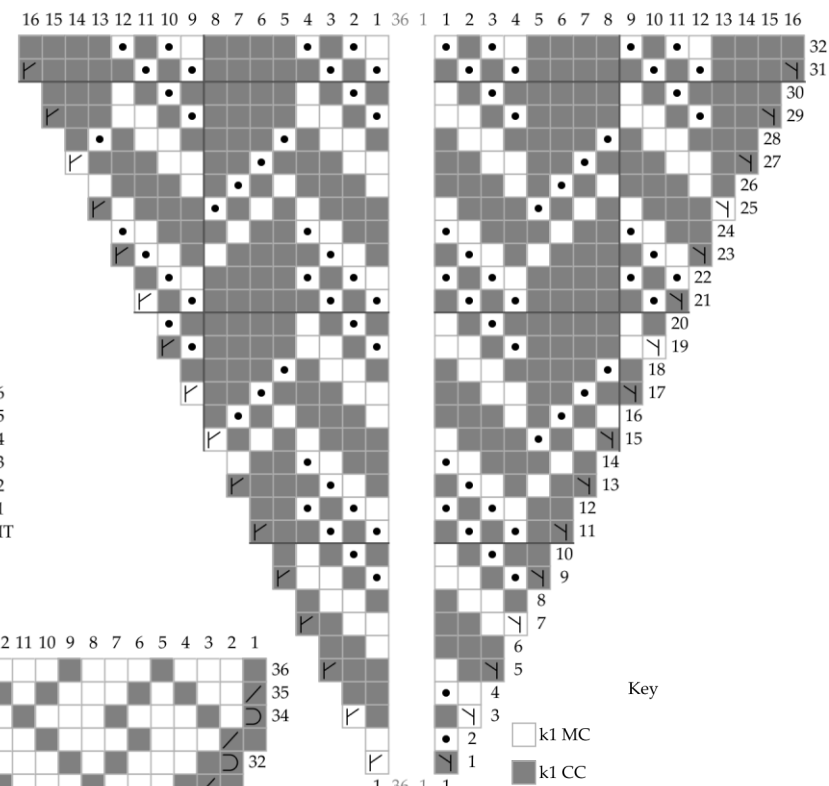
Left Heel/Sole



Left Heel Turn

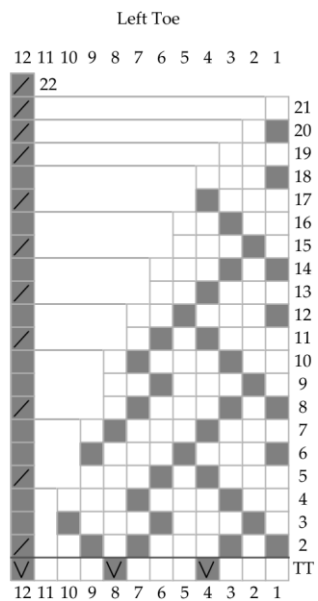


Left Gusset I & II



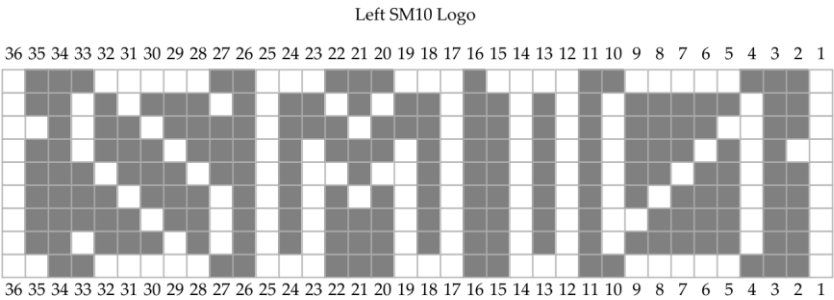
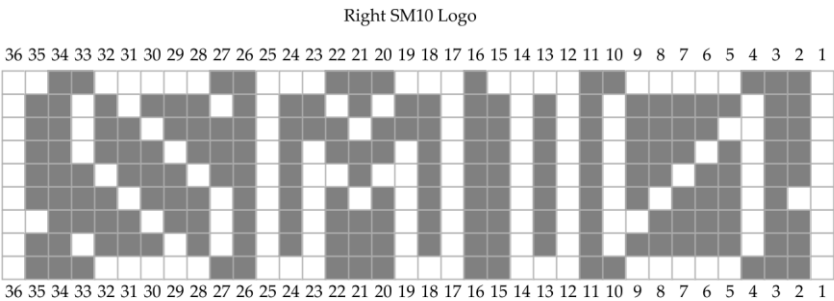
Key

- k1 MC
- k1 CC
- m1 purl MC
- p1 with unused yarn stranding working yarn in front of it; if switching between colors, p1 with whichever one
- p1 MC
- ssk
- k2tog on RS, p2tog on WS
- no stitch
- slip 1 CC wyib
- left-leaning lifted increase (LLinc)
- right-leaning lifted increase (RLinc)
- p1 anchoring MC strand on WS
- k1 anchoring MC strand on WS
- repeat
- continue in the round



“Seven Treasures” by Natalia Vasilieva: Light MC, dark CC

Dark MC, light CC



Light MC, dark CC

