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p = 3;
q = 2;

m = p / q;
τArg := Mod[Arg[#], 2 π] &

Clear[f, f2]

f[x_] :=
  Piecewise[Flatten[Table[{{m (x - 2 π k / p), 2 k π / p ≤ x < (2 k + 1) π / p},
    {-m (x - 2 π k / p) + 2 π / q, (2 k + 1) π / p ≤ x < (2 k + 2) π / p}}, {k, 0, p}], {1, 2}]]

f2[x_] :=
  Piecewise[
    Flatten[Table[{{m (x - 2 π k / p) - π / (2 q), 2 k π / p ≤ x < (2 k + 1) π / p}, {-m (x - 2 π k / p) +
      2 π / q - π / (2 q), (2 k + 1) π / p ≤ x < (2 k + 2) π / p}}, {k, 0, p}], {1, 2}]]

Plot[Table[f[x] + n 2 π / q, {n, 0, q}], {x, 0, 2 π}, PlotRange → {{0, 2 π}, {0, 2 π}}]
Plot[Table[f2[x] + n 2 π / q, {n, 0, q + 1}], {x, 0, 2 π}, PlotRange → {{0, 2 π}, {0, 2 π}}]

f[x]

knot = ParametricPlot3D[Table[{{Cos[ $\frac{q \theta}{p} + 2 \pi k / p$ ], Sin[ $\frac{q \theta}{p} + 2 \pi k / p$ ],  $\theta$ }, {k, 0, p}],
  { $\theta$ , 0, 2 π}, PlotStyle → {Thick, Blue}]

Show[knot, Table[ParametricPlot3D[
  ComPolar[{{r Exp[I ( $\theta - \pi / (2 p)$ )]}, Abs[r Exp[I  $\theta$ ]]4 f2[τArg[r Exp[I  $\theta$ ]]] + 2 π n / q}],
  {r, 0, 1}, { $\theta$ , 0, 2 π}, Mesh → None, PlotRange → All,
  Exclusions → { $\theta = 0$ }, PlotPoints → 30], {n, 0, q}]]

```