

Table 1: Plat presentations for the Legendrian knots in the atlas

| Knot | Braid Presentation |
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| $m(3_1)$ | $\{2, 3, 1, 3, 1, 3, 2\}$ |
| 4_1 | $\{2, 3, 1, 3, 1, 2, 2\}$ |
| $m(5_1)$ | $\{2, 3, 1, 1, 3, 1, 1, 3, 2\}$ |
| $m(5_2)$ | $\{2, 3, 1, 3, 4, 5, 1, 2, 3, 4, 2, 4\}$ $\{2, 3, 1, 3, 1, 2, 2, 3, 1, 3, 2\}$ |
| 6_1 | $\{2, 3, 1, 1, 3, 1, 1, 2, 2\}$ |
| $m(6_1)$ | $\{4, 5, 3, 5, 6, 7, 3, 4, 2, 1, 3, 2, 5, 6, 2, 4, 6\}$ $\{2, 3, 1, 3, 1, 2, 2, 1, 3, 2, 2\}$ |
| 6_2 | $\{4, 5, 5, 3, 4, 4, 3, 2, 1, 5, 3, 1, 1, 2, 5, 4\}$ |
| $m(6_2)$ | $\{4, 5, 3, 3, 5, 3, 2, 1, 4, 1, 3, 4, 3, 2\}$ |
| $m(7_1)$ | $\{2, 3, 1, 1, 3, 1, 1, 1, 3, 2\}$ |
| $m(7_2)^*$ | $\{6, 7, 7, 5, 8, 9, 5, 4, 6, 3, 5, 2, 4, 7, 8, 3, 1, 2, 2, 4, 6, 8\}$ $\{2, 3, 3, 1, 1, 2, 2, 3, 1, 2, 2, 1, 3, 3, 2\}$ $\{4, 5, 5, 3, 4, 6, 7, 2, 3, 1, 5, 6, 2, 4, 5, 3, 5, 6, 3, 4, 2\}$ $\{4, 5, 3, 5, 3, 2, 1, 4, 4, 5, 3, 2, 1, 4, 2, 4, 3, 5, 4, 2\}$ |
| 7_3 | $\{2, 3, 1, 1, 3, 4, 5, 1, 1, 2, 3, 4, 2, 4\}$ $\{2, 3, 1, 3, 1, 1, 1, 2, 2, 1, 3, 3, 2\}$ |
| 7_4^* | $\{4, 5, 5, 3, 6, 7, 2, 1, 4, 5, 6, 8, 9, 7, 8, 1, 3, 2, 4, 5, 3, 4, 6, 8, 4, 2\}$ $\{6, 7, 7, 5, 6, 6, 5, 4, 3, 2, 1, 7, 5, 3, 1, 7, 6, 5, 4, 1, 2\}$ $\{6, 7, 7, 5, 4, 3, 6, 5, 3, 2, 4, 1, 3, 6, 2, 5, 7, 4, 6, 2, 4, 5, 6, 3, 4\}$ $\{2, 3, 3, 1, 2, 2, 1, 3, 1, 2, 2, 1, 3, 3, 2\}$ |
| $m(7_5)$ | $\{4, 5, 3, 5, 3, 6, 3, 7, 2, 1, 4, 5, 6, 1, 3, 4, 6, 3, 2\}$ $\{2, 3, 3, 1, 1, 1, 2, 2, 1, 3, 1, 3, 2\}$ |
| $m(7_6)^*$ | $\{4, 5, 3, 5, 3, 2, 1, 4, 1, 3, 4, 1, 2, 4, 3, 5, 4, 2\}$ $\{6, 7, 5, 7, 5, 4, 3, 3, 6, 2, 1, 5, 6, 3, 1, 1, 2, 5, 4\}$ $\{4, 5, 3, 3, 5, 2, 1, 4, 1, 3, 1, 2, 4, 2\}$ |
| $m(7_7)^*$ | $\{6, 7, 5, 5, 7, 4, 3, 6, 3, 5, 2, 1, 4, 1, 3, 6, 4, 3, 2\}$ $\{4, 5, 3, 3, 5, 2, 1, 4, 1, 3, 4, 1, 5, 2, 3, 2, 5, 4\}$ |
| 8_{19} | $\{4, 5, 2, 1, 3, 2, 1, 5, 2, 4, 1, 5, 2, 1, 2, 3, 1, 2, 5, 4\}$ |
| 8_{21}^* | $\{4, 5, 5, 3, 2, 1, 4, 3, 4, 1, 3, 2, 4, 2\}$ $\{4, 5, 3, 5, 2, 1, 4, 3, 4, 1, 3, 4, 5, 1, 2, 3, 5, 4\}$ |
| $m(8_{21})$ | $\{4, 5, 3, 2, 1, 5, 1, 3, 4, 1, 2, 4, 3, 5, 4, 2\}$ |
| 9_{42} | $\{4, 5, 3, 2, 5, 1, 4, 3, 4, 3, 1, 4, 3, 4, 1, 2\}$ |
| $m(9_{42})$ | $\{4, 5, 3, 2, 1, 5, 1, 3, 4, 2, 3, 3, 4, 2\}$ |
| 9_{43} | $\{4, 5, 3, 5, 3, 2, 1, 4, 1, 3, 4, 1, 3, 4, 3, 2\}$ |
| $m(9_{44})$ | $\{4, 5, 5, 3, 3, 2, 1, 4, 3, 4, 1, 2, 5, 2, 3, 1, 5, 4, 1, 2\}$ |
| $m(9_{45})$ | $\{6, 7, 7, 5, 6, 4, 3, 6, 2, 5, 4, 6, 4, 7, 5, 3, 2, 7, 6, 5, 4\}$ $\{4, 5, 3, 2, 1, 5, 3, 1, 2, 4, 2, 3, 1, 2, 4, 2\}$ |
| 9_{46} | $\{4, 5, 2, 1, 3, 2, 1, 5, 2, 4, 1, 5, 2, 3, 1, 4, 3, 4, 1, 2\}$ |
| $m(9_{46})$ | $\{4, 5, 2, 1, 3, 1, 2, 5, 2, 3, 1, 4, 2, 4, 3, 5, 4, 2\}$ |
| $m(9_{47})$ | $\{6, 7, 4, 3, 5, 3, 2, 4, 3, 1, 7, 2, 2, 6, 4, 2, 1, 3, 6, 5, 1, 2, 4, 7, 6\}$ |
| 9_{48}^* | $\{6, 7, 5, 7, 4, 3, 2, 1, 6, 5, 3, 6, 1, 3, 4, 2, 3, 5, 4, 1, 2, 6, 4\}$ $\{6, 7, 8, 9, 5, 7, 8, 4, 3, 2, 1, 9, 3, 2, 8, 6, 9, 7, 5, 2, 1, 8, 7, 6, 4, 8, 7, 3, 5, 6, 9, 8, 1, 2, 5, 4\}$ $\{4, 3, 6, 7, 5, 6, 3, 7, 8, 9, 4, 6, 2, 1, 5, 7, 8, 6, 7, 9, 8, 5, 7, 1, 3, 8, 1, 2, 7, 6, 5, 4\}$ $\{6, 7, 5, 7, 4, 3, 6, 2, 1, 5, 6, 1, 3, 5, 6, 7, 1, 2, 3, 4, 5, 7, 6\}$ |
| 9_{49} | $\{4, 5, 5, 3, 6, 7, 4, 2, 1, 5, 6, 1, 3, 4, 6, 3, 4, 5, 6, 1, 2, 3, 4, 7, 5, 7, 6\}$ $\{4, 5, 3, 5, 2, 1, 4, 1, 3, 2, 4, 3, 5, 2, 1, 3, 4, 2, 5, 1, 2, 3, 1, 2, 5, 4\}$ |

| Knot | Braid Presentation |
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| 10_{124} | $\{4, 5, 2, 1, 3, 2, 1, 2, 5, 1, 2, 4, 1, 5, 2, 1, 2, 3, 1, 2, 5, 4\}$ |
| 10_{128} | $\{4, 5, 3, 5, 6, 7, 4, 2, 1, 5, 6, 3, 4, 3, 1, 6, 4, 3, 4, 3, 2\}$ $\{6, 7, 5, 8, 9, 4, 3, 2, 1, 7, 9, 6, 3, 2, 1, 5, 6, 2, 4, 5, 1, 2, 3, 6, 9, 8, 1, 2, 5, 4\}$ |
| 10_{132}^* | $\{6, 7, 4, 3, 7, 5, 3, 6, 4, 2, 5, 1, 3, 2, 5, 2, 4, 6, 2\}$ $\{4, 5, 3, 5, 3, 2, 4, 1, 3, 2, 4, 2, 5, 1, 3, 2, 4, 4, 3, 5, 4, 2\}$ |
| 10_{136}^* | $\{4, 5, 5, 6, 7, 3, 4, 2, 1, 5, 3, 2, 4, 7, 6, 3, 2, 3, 5, 2, 6, 3, 2, 5, 4\}$ $\{8, 9, 7, 6, 5, 9, 4, 3, 5, 4, 3, 8, 2, 1, 7, 8, 6, 4, 7, 1, 3, 4, 5, 8, 1, 2, 3, 4, 7, 6\}$ $\{6, 7, 5, 4, 3, 7, 2, 1, 6, 3, 2, 5, 1, 2, 4, 6, 1, 2, 3, 5, 1, 2, 6, 3, 4, 7, 5, 7, 6\}$ $\{4, 5, 3, 2, 5, 1, 4, 3, 4, 3, 1, 4, 3, 2, 4, 2\}$ |
| 10_{139} | $\{2, 3, 4, 5, 1, 3, 4, 5, 1, 2, 4, 5, 1, 2, 4, 1, 5, 3, 1, 2, 5, 4\}$ |
| $m(10_{140})^*$ | $\{4, 5, 5, 3, 4, 6, 7, 2, 1, 5, 6, 3, 2, 2, 4, 6, 1, 3, 5, 7, 1, 2, 3, 7, 6, 3, 4\}$ $\{2, 3, 1, 3, 4, 5, 2, 3, 4, 2, 1, 4, 3, 5, 1, 4, 2, 4, 3, 5, 4, 2\}$ |
| 10_{142} | $\{6, 7, 5, 7, 4, 3, 6, 8, 9, 2, 1, 5, 7, 8, 4, 6, 7, 3, 4, 8, 1, 3, 5, 7, 4, 8, 3, 2, 7, 6\}$ $\{4, 5, 3, 5, 2, 1, 4, 3, 4, 1, 3, 2, 5, 1, 2, 4, 5, 1, 4, 3, 5, 4, 1, 2\}$ |
| $m(10_{145})$ | $\{2, 3, 4, 5, 1, 3, 4, 5, 1, 4, 2, 3, 3, 4, 2, 5, 3, 1, 1, 2, 5, 4\}$ |
| 10_{160} | $\{6, 7, 5, 7, 4, 6, 3, 5, 2, 1, 3, 2, 4, 3, 6, 1, 5, 3, 6, 5, 1, 2, 6, 5, 4\}$ $\{6, 7, 7, 5, 8, 9, 4, 3, 2, 6, 7, 5, 3, 6, 2, 9, 1, 3, 4, 7, 2, 3, 5, 1, 2, 6, 5, 4, 9, 8\}$ |
| $m(10_{161})$ | $\{2, 3, 4, 5, 1, 3, 4, 5, 1, 4, 2, 3, 5, 1, 3, 2, 4, 5, 1, 3, 1, 2, 5, 4\}$ |
| $m(11n_{19})$ | $\{4, 5, 2, 1, 3, 2, 1, 2, 5, 1, 4, 2, 3, 1, 2, 5, 3, 2, 3, 2, 5, 4\}$ |
| $11n_{38}$ | $\{4, 5, 3, 5, 2, 1, 4, 3, 4, 3, 1, 4, 3, 4, 3, 4, 1, 2\}$ |
| $11n_{95}$ | $\{6, 7, 5, 4, 3, 2, 1, 7, 3, 2, 5, 6, 1, 2, 4, 5, 6, 3, 5, 7, 4, 1, 2, 6, 5, 3, 7, 6, 2, 5, 4\}$ |
| $11n_{118}$ | $\{2, 3, 4, 5, 1, 3, 4, 5, 1, 2, 4, 3, 5, 1, 3, 4, 2, 4, 3, 5, 4, 2\}$ |
| $12n_{242}$ | $\{4, 5, 2, 1, 3, 2, 1, 2, 5, 1, 4, 2, 5, 1, 2, 4, 5, 1, 2, 3, 1, 2, 5, 4\}$ |
| $12n_{591}$ | $\{4, 5, 2, 1, 3, 2, 1, 5, 2, 4, 1, 2, 5, 3, 1, 3, 4, 2, 5, 1, 2, 3, 1, 2, 5, 4\}$ |
| $15n_{41185}$ | $\{4, 5, 2, 1, 6, 7, 5, 6, 3, 2, 4, 5, 1, 7, 2, 6, 1, 3, 7, 5, 2, 1, 6, 7, 3, 2, 5, 4, 6, 1, 5, 2, 3, 7, 6, 1, 2, 5, 4\}$ |