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| diagram | $n_k^t$  | Alexander's $A_+$<br>Today's / Rozansky's $\rho_1^+$ | genus / ribbon<br>unknotting number / amphicheiral | diagram | $n_k^t$                            | Alexander's $A_+$<br>Today's / Rozansky's $\rho_1^+$         | genus / ribbon<br>unknotting number / amphicheiral |
|---------|--|--|--|---------|------------------------------------|--|--|
|         | $0_1^a$<br>0   | 1<br>0   | $0 / \checkmark$<br>$0 / \checkmark$               |         | $3_1^a$<br>$t$                     | $t - 1$<br>$t^2 - t + 1$<br>$2t^3 + 3t$                      | $1 / \times$<br>$1 / \times$                       |
|         | $4_1^a$<br>0   | $3 - t$<br>1   | $1 / \times$<br>$1 / \checkmark$                   |         | $5_1^a$<br>$t$                     | $t^2 - t + 1$<br>$2t^3 + 3t$                                 | $2 / \times$<br>$2 / \times$                       |
|         | $5_2^a$<br>$5t - 4$                                    | $2t - 3$<br>1  | $1 / \times$<br>$1 / \times$                       |         | $6_1^a$<br>$t - 4$                 | $5 - 2t$<br>$t - 4$  | $1 / \checkmark$<br>$1 / \times$                   |
|         | $6_2^a$<br>$t^3 - 4t^2 + 4t - 4$                       | $-t^2 + 3t - 3$<br>$3t^5 - 4t^2 + 4t - 4$            | $2 / \times$<br>$1 / \times$                       |         | $6_3^a$<br>$0$                     | $t^2 - 3t + 5$   | $2 / \times$<br>$1 / \checkmark$                   |
|         | $7_1^a$<br>$3t^5 + 5t^3 + 6t$                          | $t^3 - t^2 + t - 1$                                  | $3 / \times$<br>$3 / \times$                       |         | $7_2^a$<br>$14t - 16$              | $3t - 5$   | $1 / \times$<br>$1 / \times$                       |
|         | $7_3^a$<br>$-9t^3 + 8t^2 - 16t + 12$                   | $2t^2 - 3t + 3$                                      | $2 / \times$<br>$2 / \times$                       |         | $7_4^a$<br>$32 - 24t$              | $4t - 7$   | $1 / \times$<br>$2 / \times$                       |
|         | $7_5^a$<br>$9t^3 - 16t^2 + 29t - 28$                   | $2t^2 - 4t + 5$                                      | $2 / \times$<br>$2 / \times$                       |         | $7_6^a$<br>$t^3 - 8t^2 + 19t - 20$ | $-t^2 + 5t - 7$  | $2 / \times$<br>$1 / \times$                       |
|         | $7_7^a$<br>$8 - 3t$                                    | $t^2 - 5t + 9$                                       | $2 / \times$<br>$1 / \times$                       |         | $8_1^a$<br>$5t - 16$               | $7 - 3t$   | $1 / \times$<br>$1 / \times$                       |
|         | $8_2^a$<br>$2t^5 - 8t^4 + 10t^3 - 12t^2 + 13t - 12$    | $-t^3 + 3t^2 - 3t + 3$                               | $3 / \times$<br>$2 / \times$                       |         | $8_3^a$<br>$0$                     | $9 - 4t$   | $1 / \times$<br>$2 / \checkmark$                   |
|         | $8_4^a$<br>$3t^3 - 8t^2 + 6t - 4$                      | $-2t^2 + 5t - 5$                                     | $2 / \times$<br>$2 / \times$                       |         | $8_5^a$<br>$-2t^5$                 | $-t^3 + 3t^2 - 4t + 5$<br>$-8t^4 - 13t^3 + 20t^2 - 22t + 24$ | $3 / \times$<br>$2 / \times$                       |
|         | $8_6^a$<br>$5t^3 - 20t^2 + 28t - 32$                   | $-2t^2 + 6t - 7$                                     | $2 / \times$<br>$2 / \times$                       |         | $8_7^a$<br>$-t^5$                  | $3t - 3t^2 + 5t - 5$<br>$+4t^4 - 10t^3 + 12t^2 - 13t + 12$   | $3 / \times$<br>$1 / \times$                       |
|         | $8_8^a$<br>$-t^3 + 4t^2 - 12t + 16$                    | $2t^2 - 6t + 9$                                      | $2 / \checkmark$<br>$2 / \times$                   |         | $8_9^a$<br>$0$                     | $-t^3 + 3t^2 - 5t + 7$                                       | $3 / \checkmark$<br>$1 / \checkmark$               |
|         | $8_{10}^a$<br>$-t^5 + 4t^4 - 11t^3 + 16t^2 - 21t + 20$ | $t^3 - 3t^2 + 6t - 7$                                | $3 / \times$<br>$2 / \times$                       |         | $8_{11}^a$<br>$5t^3$               | $-2t^2 + 7t - 9$<br>$-24t^2 + 39t - 44$                      | $2 / \times$<br>$1 / \times$                       |
|         | $8_{12}^a$<br>0  | $t^2 - 7t + 13$                                      | $2 / \times$<br>$2 / \checkmark$                   |         | $8_{13}^a$<br>$-t^3$               | $2t^2 - 7t + 11$<br>$+4t^2 - 14t + 20$                       | $2 / \times$<br>$1 / \times$                       |
|         | $8_{14}^a$<br>$5t^3 - 28t^2 + 57t - 68$                | $-2t^2 + 8t - 11$                                    | $2 / \times$<br>$1 / \times$                       |         | $8_{15}^a$<br>$21t^3$              | $3t^2 - 8t + 11$<br>$-64t^2 + 120t - 140$                    | $2 / \times$<br>$2 / \times$                       |
|         | $8_{16}^a$<br>$t^5 - 6t^4 + 17t^3 - 28t^2 + 35t - 36$  | $t^3 - 4t^2 + 8t - 9$                                | $3 / \times$<br>$2 / \times$                       |         | $8_{17}^a$<br>$0$                  | $-t^3 + 4t^2 - 8t + 11$                                      | $3 / \times$<br>$1 / \checkmark$                   |
|         | $8_{18}^a$<br>0  | $-t^3 + 5t^2 - 10t + 13$                             | $3 / \times$<br>$2 / \checkmark$                   |         | $8_{19}^a$<br>$-3t^5$              | $t^3 - t^2 + 1$<br>$-4t^2 - 3t$                              | $3 / \times$<br>$3 / \times$                       |
|         | $8_{20}^a$<br>$4t - 4$                                 | $t^2 - 2t + 3$                                       | $2 / \checkmark$<br>$1 / \times$                   |         | $8_{21}^a$<br>$t^3$                | $-t^2 + 4t - 5$<br>$-8t^2 + 16t - 20$                        | $2 / \times$<br>$1 / \times$                       |

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