

MINIMAL DEGREE SEQUENCE FOR 2-BRIDGE KNOTS

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Polynomial knots were introduced by Vasiliev and are now studied by many mathematicians. Notion of degree sequence and minimal degree sequence has been introduced to understand the knot type of the polynomial knots. In this presentation we discuss about polynomial representations for 2-bridge knots and determine the minimal degree sequence for all 2-bridge knots. We have used the connection between rational tangles and 2-bridge knots.

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