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PI index of polyhex nanotori

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Abstract

The Padmakar-Ivan (PI) index of a graph G is defined as $PI(G) = \sum [n_{eu}(e|G) + n_{ev}(e|G)]$, where $n_{eu}(e|G)$ is the number of edges of G lying closer to u than to v , $n_{ev}(e|G)$ is the number of edges of G lying closer to v than to u and summation goes over all edges of G . In this paper, the PI index of a polyhex nanotorus T is computed. We prove that: (Equation Presented).

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