

## The PI index of polyomino chains of $2k$ -cycles

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### ABSTRACT.

The Padmakar-Ivan (PI) index of a graph  $G$  is the sum over all edges  $uv$  of  $G$  of the number of edges which are not equidistant from the vertices  $u$  and  $v$ . In this paper we compute the PI index of polyomino chains of  $2k$ -cycles where  $k \geq 2$  and establish bounds for it.

### REFERENCES

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