

Arc index of pretzel knots of type $(-p,q,r)$

Hwa Jeong Lee, Gyo Taek Jin

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We computed the arc index for the pretzel knots $K=P(-p,q,r)$ with $p,q,r \geq 2$, $r \geq q$ and at most one of p,q,r is even. If $q=2$, then the arc index $\alpha(K)$ equals the minimal crossing number $c(K)$. If $p \geq 3$ and $q=3$, then $\alpha(K)=c(K)-1$. If $p \geq 5$ and $q=4$, then $\alpha(K)=c(K)-2$.

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