

Fans of Cook continua

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We construct some fans of Cook continua. Through our research, we discovered some interesting properties in constructed fans. Therefore, we give the definitions of $\frac{1}{n}$ -rigid continua, 0-rigid continua, and the degree of rigidity of a continuum. We introduce some results concerning fans of Cook continua and their degree of rigidity. Moreover, we present theorems addressing whether the inverse limit of such a fan with continuous surjective functions is homeomorphic to the fan itself.

References

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