Diagonals on the edge of the square of a continuum

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Given a continuum X, let XxX be the product of X with itself and D the diagonal of XxX. We deal with six topological definitions that describe that D is on the "edge" of XxX. We study which of these definitions are satisfied by continua belonging to one of the following classes: arcwise connected continua, locally connected continua, dendroids, indecomposable continua and metric compactifications of the ray [0,1).
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