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$G^1$ continuity of four pieces of developable surfaces with Bézier boundaries


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# Research Highlights

>We study $G^1$ connection of four pieces of developable surfaces with Bézier boundaries. >We give the constrains of the control points of the surfaces when $G^1$connecting them. >As the shape parameters, $\mu_1, \mu_2, \mu, \lambda$ can control the shape of the composite surface. >The method can be extended to the case when boundary curves have different degrees.

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