



## **BIVARIATE MEAN VALUE INTERPOLATION ON ELLIPSE**

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### **Abstract**

In this paper, we consider the bivariate mean-value interpolation problem, where interpolation parameters are integrals over same radius circles which their centers are on one ellipse. In this case we prove that the problem is not poised.

**Keywords and phrases:** bivariate polynomials, poised interpolation, mean-value interpolation.

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