

Review of: "Taylor Series Based Domain Collocation Meshless Method for Problems with Multiple Boundary Conditions including Point Boundary Conditions"

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Potential competing interests: No potential competing interests to declare.

The authors propose a new meshless approach based on Taylor series, capable of handling also point boundary conditions. First, a family of functions satisfying the boundary conditions is constructed. Subsequently, it is enriched using Taylor series, the coefficients of which are found using a domain collocation approach. The procedure has proven to be effective for both Poisson and Helmholtz equations. The description of the formulation (in particular, the construction of the polynomials) needs to be described more clearly: some inconsistencies need to be corrected, details are provided in the attached file. Some modification suggestions and corrections are also provided in the same file.