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9.3.3.3 Implementation of Boundary Conditions 262

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9.3.3.4 Sample Application 264 9.4 Differential
Cubature Method for Complex Problems 266 10
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Application to Solve Boundary Layer Equations 267

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Yufeng Xing, Bo Liu, High accuracy differential
quadrature finite element method and its application to
free vibrations of thin plate with curvilinear domain,
International Journal for Numerical Methods in
Engineering, 10.1002/nme.2685, 80, 13, (1718-1742),
(2009).

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Application of differential quadrature to static analysis

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However, for the basic characteristics of time domain differential quadrature method, such as numerical stability and calculation accuracy or order, it is still lack of systematic analysis conclusions.

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Local radial basis function-based differential quadrature

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In this paper, the application of the least squares differential quadrature method (LSDQM) to the Bagley – Torvik fractional differential equation is

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Differential quadrature and its application in engineering. C Shu. Springer Science & Business Media, 2012. 1717: 2012: Application of generalized differential quadrature to solve two dimensional incompressible Navier Stokes equations. C Shu, BE Richards.

Chang Shu - Google Scholar
Civalek, Ö., Application of differential quadrature (DQ)

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and harmonic differential quadrature (HDQ) for buckling analysis of thin isotropic plates and elastic columns. *Engrg. Structure*. v26. 171-186. Google Scholar [14]. Civan, F., Solving multivariable models by the quadrature and cubature methods. *Numer.*

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