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REDUKTIONSVERFAHREN ZUR LÖSUNG ELLIPTISCHER DIFFERENZENGLEICHUNGEN IN R^3

(Reduction Procedure for Solving Differential Elliptical Equations in R^3)

Reports of Mathematics Society and of Data Processing, Bonn.

There are necessary for important practical problems, as for instance within the mechanics of streams, meteorology and nuclear research, " fast elliptical sollutions" for numerical treatment of partial differential equations (particularly elliptical and parabolic ones). Worth mentioning are the procedures concerning the three-dimensional models. "Reduction procedures" presented here are pointed out by a numerical large stability during short computing time.