MULTIPOINT FORMULAS FOR INVERSE SCATTERING

Novikov R.G.

CNRS, Ecole Polytechnique, France
IEPT RAS, Moscow, Russia
novikov@cmap.polytechnique.fr

We present multipoint formulas for finding with high precision leading coefficients in asymptotic expansions arising in scattering theory. We apply these formulas to different problems including inverse scattering at high energies and phase recovering from phaseless scattering data. We also present the first numerical examples.

REFERENCES

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