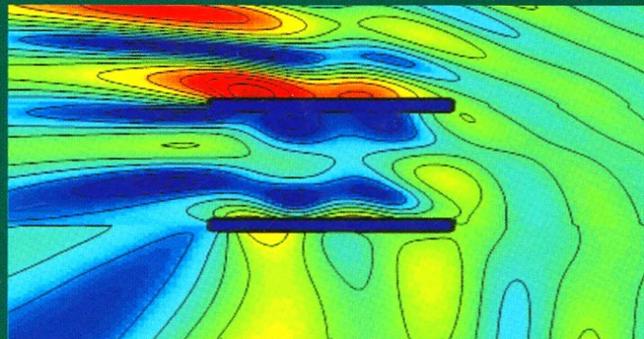


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Eldar I. Veliyev

**Methods
of semi-inversion
and non-integer derivation
in boundary-value problems
of diffraction theory**

**Selected Works
for the period from 1978 to 2011**



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The monograph includes original works of the author, in which, based on the developed methods for solving boundary problems, the features of wave scattering by various two-dimensional screens are investigated. In particular, the use of the mathematical apparatus of fractional derivatives opened up new possibilities for studying the features of the scattered fields from various screens.

The monograph will be interesting to master and postgraduate students of radiophysical and mathematical faculties of universities. It will also be interesting for specialists of research institutes, in which they develop multi-purpose antenna complexes.

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