

PROPAGATION OF SINGULARITIES AND GROWTH FOR SCHRÖDINGER OPERATORS

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CONTENTS

1. Introduction	137
2. Geometric preliminaries	141
3. The scattering calculus	142
4. The quadratic-scattering calculus	145
5. Invariant definition of the quadratic-scattering calculus	146
6. Symbol maps	149
7. Quantization	154
8. Sobolev spaces	155
9. Wavefront sets	156
10. The Schrödinger equation	159
11. Bicharacteristic flow	160
12. The main theorems	168
13. Symbol construction	172
13.1. Construction of a_{∂}	172
13.2. Construction of a_+ and $\tilde{a}_+$	173
13.3. Construction of a_o and $\tilde{a}_o$	174
13.4. Construction of a_- and $\tilde{a}_-$	176
14. Proof of the main theorems	176
14.1. Proof of Theorem 12.1	177
14.2. Proof of Theorem 12.2, part (1)	180
14.3. Proof of Theorem 12.3, part (1)	183
14.4. Proof of Theorem 12.4	183
14.5. Proof of Theorem 12.5	184

1. Introduction. The time-dependent Schrödinger equation is the nonrelativistic quantum-mechanical description of the motion of a particle in a potential. In appropriate units, the equation reads

$$(1.1) \quad \left(D_t + \frac{1}{2} \Delta + V \right) \psi = 0,$$

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