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Nuclear Physics Institute,
Academy of Sciences, Řež, and
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Czech Technical University, Prague

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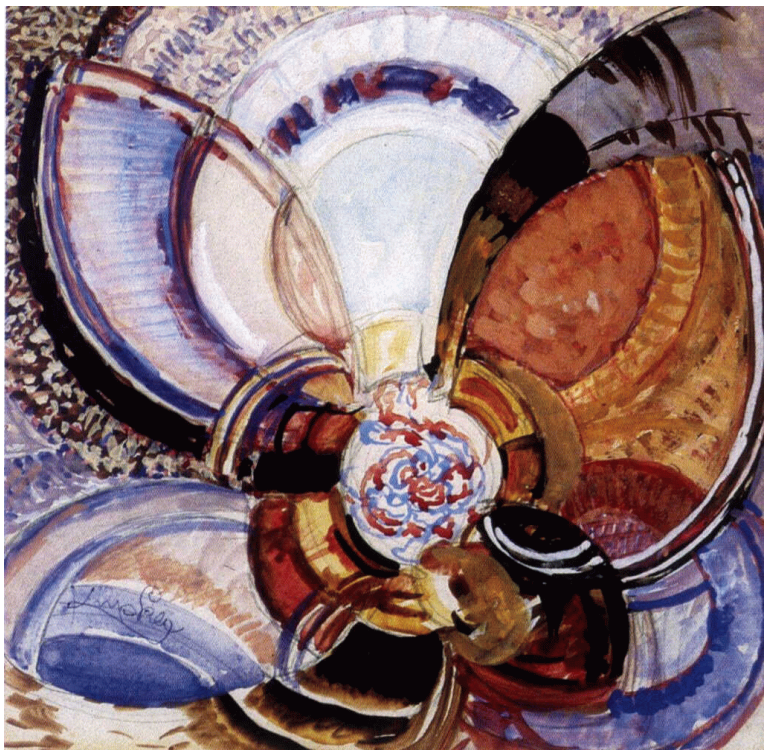
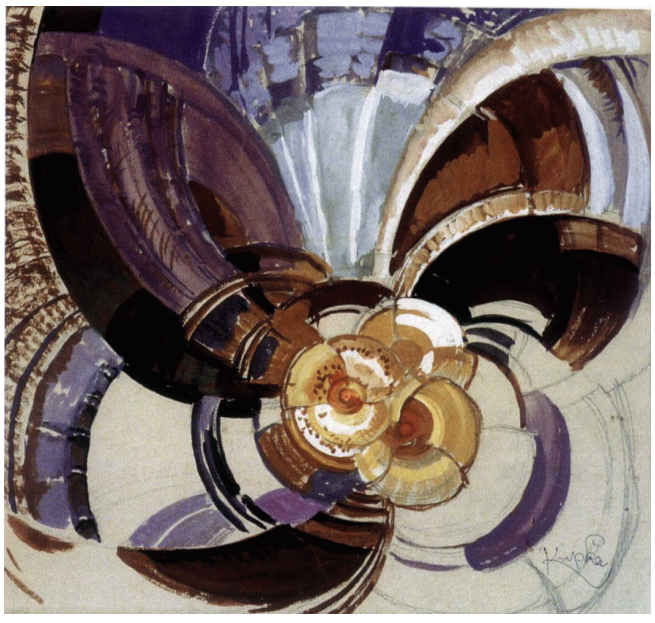


J. Kupka: The series "Around a Point" (1911-30, J. and M. Mládek Collection)

Mathematical Results in Quantum Mechanics

(QMath7)

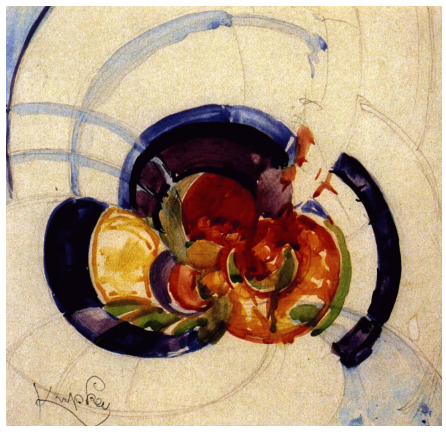
Prague, June 22-26, 1998



- **J. E. Avron** (Technion): *Adiabatic transport of quantum systems pinching a gap closure and homeopathic response*
- **J. Bellissard** (UPS Toulouse): *Electronic transport revisited: the variable range hopping theory*
- **M. S. Birman** (St. Petersburg): *Two-dimensional periodic magnetic Hamiltonian with discontinuous vector potential is absolutely continuous*
- **G. Casati** (Milano): *Relaxation in quantum chaos*
- **J. M. Combes** (Toulon): *Some spectral problems related to photonic crystals*
- **F. Gesztesy** (Columbia-Missouri): *Uniqueness theorems for Schrödinger, Jacobi, and Dirac-type operators and recovery of potentials from various spectral data*
- **E. H. Lieb** (Princeton): *Some recent developments in stability of matter and QED*
- **L. A. Pastur** (Paris 7): *to be announced*
- **R. Seiler** (TU Berlin): *Integrals of the discrete quantum pendulum*
- **B. Simon** (Caltech): *A new approach to inverse spectral theory*
- **J. Yngvason** (Vienna): *Quantum dots*

The program also includes talks by Y. Colin de Verdiere *(Grenoble)*, M. Combescure *(Orsay)*, E. B. Davies *(King's College)*, L. Erdös *(Courant)*, Y. Fyodorov *(Essen)*, P. Hislop *(Lexington)*, A. Jensen *(Aarhus)*, W. Karwowski *(Wroclaw)*, G. Raikov *(Sofia)*, W. Renger *(Clausthal)*, L. Sadun *(Austin)*, W. Scherer *(Clausthal)*, I. Shereshevsky *(N. Novgorod)*, A. Teta *(Rome)*, D. Yafaev *(Rennes)*, V. Zagrebnov *(Marseille)*, G. Zhislin *(N. Novgorod)*, and others

Deadline for abstracts: March 31, 1998



More information about the program, registration, accomodation, etc., can be found at the conference homepage: **http://www.ujf.cas.cz/~exner/cf98.html**

Mailing address: QMath7, Nuclear Physics Institute, AS
25068 Řež near Prague, Czech Republic

E-mail address: **qmath7@ujf.cas.cz**

Organizing committee: *Č. Burdík, G. Chadzitaskos, J. Dittrich, P. Exner (chairman), P. Šeba, P. Šťovíček, M. Tater, J. Tolar, S. Vugalter, M. Znojil*