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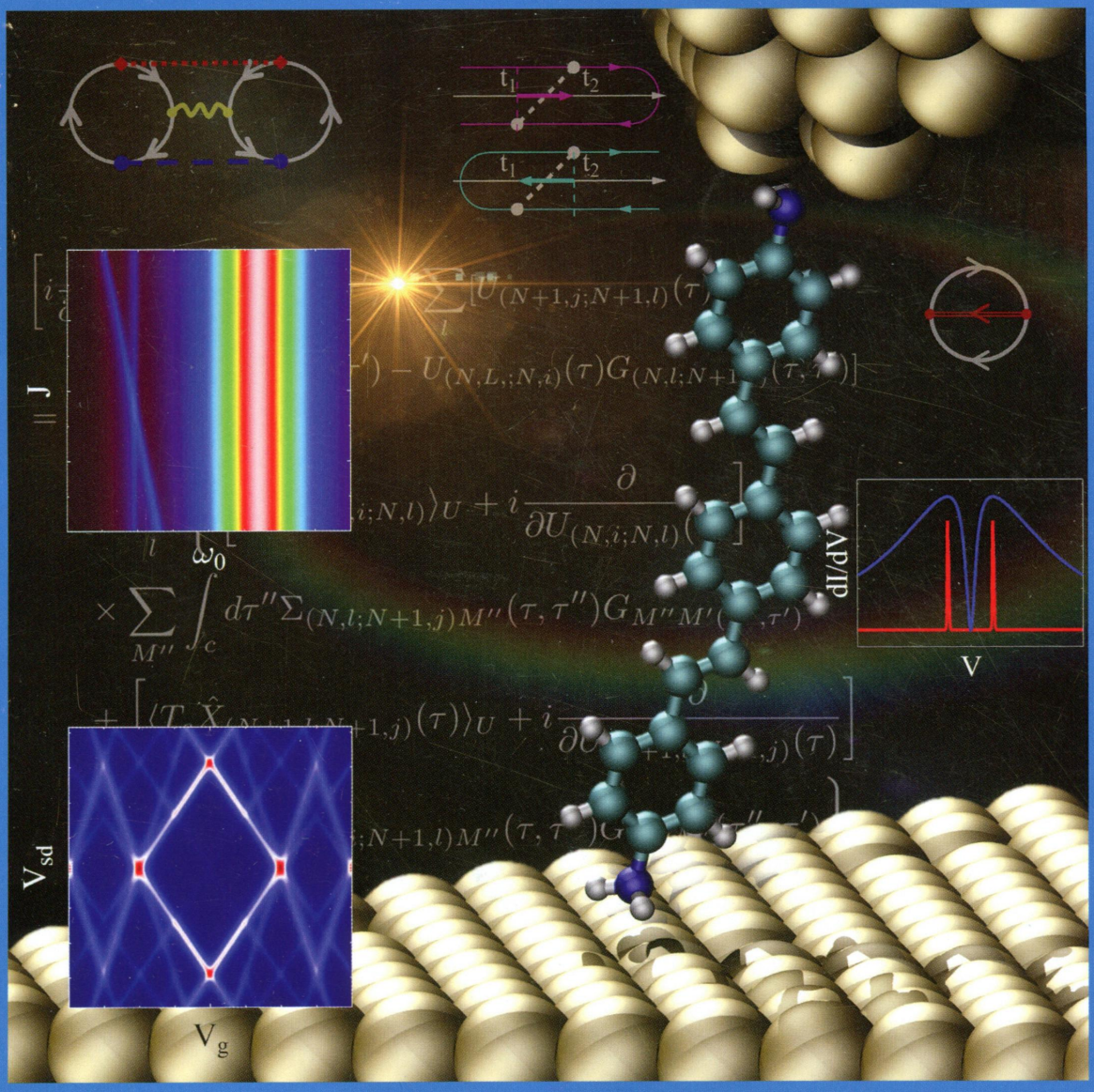

Molecular Many-Body States Formulation, the Nonequilibrium Atomic Limit, for Transport and Optical Response in Molecular Junctions (see page 11159)

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ON THE COVER: Molecular many-body states formulation, the nonequilibrium atomic limit, for transport and optical response in molecular junctions. Theoretical formulations of nonequilibrium open systems usually rely on language of elementary excitations (quasiparticles). An alternative approach, the nonequilibrium atomic limit, utilizes many-body states of the system. Such approach is especially convenient in theoretical description of response in molecular junctions, where methods of the quantum chemistry are combined with the quantum transport theory. See page 11159.

Feature Article

Articles

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