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Nota di contenuto	Quantum size effect in heterogeneous catalysis / P.E. Strizhak and G.R. Kosmambetova (L.V. Pisarzhevskii Institute of the Physical Chemistry of the National Academy of Sciences of Ukraine, Kyiv, Ukraine) -- Quantum confinement effects in cylindrical potential box / A.S. Baltenkov and A.Z. Msezane (Tashkent State Technical University, Engineering-Physical Department, Tashkent, Uzbekistan, and others) -- Symmetry breaking and recoil effects in atomic confinement / K. Sveshnikov and A. Tolokonnikov (Department of Physics, Moscow State University, Moscow, Russia) -- The impact of quantum confinement on the physical properties of 3C-SiC nanowires / A. Laref and S. Laref (Department of Physics and Astronomy, Science Faculty, King Saud University, Riyadh, King Saudi Arabia, and others) -- Scaling limits and quantum confinement in nano-scale silicon transistors / Ajay Kumar Singh (Faculty of Engineering and Technology, Multimedia University, Melaka, Malaysia).