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Abstract for an Invited Paper for the MAR13 Meeting of the American Physical Society

The American Reception of the Quantum as Seen by the Physical Review, 1900-1927 ROBERT CREASE, Stony Brook University

This talk tells the story of the "American awakening" to quantum theory seen through the pages of the *Physical Review*. It begins with the journal's first mentions of Planck and the quantum, follows the story through publication of the first papers on experiment and theory, and concludes just after Schrödinger's 1926 *Physical Review* article on wave mechanics – which reflected the Austrian physicist's realization that at last there existed a large enough American audience interested in theoretical developments of quantum mechanics to make such an article worth writing and publishing.