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SIMULATION OF THE PURE ROTATIONAL SPECTRA OF POLYATOMIC, RIGID, LINEAR MOLECULES
SIMULARE DE SPECTRA ROTAŢIONALĂ PURA DE POLIATOMIC, RIGID, MOLECULE LINEARE

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The rotation energy levels of the linear polyatomic molecules, considered as being rigid top, in their fundamental electronic state and in the lowest vibration level, were estimated on the bases of quanto-mechanical computation. The permitted transitions both by the dipolar radiation and by the symmetry selection rules have been established. The computed spectrum has been compared with the recorded one.