

WATER MOLECULE DYNAMICS
IN SOLUTIONS OF CoCl_2 AND ITS
CRYSTAL HYDRATE

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S u m m a r y

Experimental data on the dynamics of H_2O molecules in water solutions of CoCl_2 and $\text{CoCl}_2 \cdot 6\text{H}_2\text{O}$ crystal hydrate obtained by scattering of slow neutrons are presented. The conception of crystal-like structure is confirmed when the concentration of the solution approaches the saturation state.