line at *ca.* 23 cm⁻¹, the closed system – at *ca.* 60 cm⁻¹.



Low-wavenumber vibrational spectroscopy study of the metal-organic frameworks DUT-8 Svetlana Krylova¹, Alexander Krylov¹, I. Senkovska², S. Kaskel², E. Slysareva³, A. Vtyurin¹ slanky@jph.krasn.ru ¹Kirensky Institute of Physics FRC KSC SB RAS, Russia, ²Technische Universität Dresden, Germany, ³Siberian Federal University, Russia