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Characteristics of L.B films of c_{18} - Merocyanine - c_{18} prepared under biasing

($\pi - A$) isotherm were measured for c_{18} - Rhodamine - and their 1:1 molar mixture. This isotherm showed that Rhodamine - molecules interlock between two chains of - Merocyanine - dye molecules. Absorption spectra of - Mrocyanine consist of two peaks, higher-energy absorption peak and positive biasing condition increases lower-energy absorption peak. In addition, in negative biasing condition formation of polymers are higher than formation of monomers and in positive biasing condition formation of monomers are higher than formation of polymers. AF.M images showed that the surfaces of deposited films are extremely flat.