

## Scientific Publications

### Prof. DSc PhD Arif Nesrullazade (Nesrullajev)

#### Papers in International Journals

1. P.V. Adomenas, A.N. Nesrullajev, B.I. Ostrovski, A.Z. Rabinovich, A.S. Sonin, "The change of the character of *smectic A* – *nematic* phase transition in binary mixtures of liquid crystals", **"Physics of Solid State (Sov.)"**, v.21, pp.2492-2496, 1979;
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3. A.N. Nesrullajev, A.S. Sonin, "Some peculiarities of obtaining of the smectic A homeotropic textures", **"Journal of Physical Chemistry (Sov.)"**, v.54, pp.466-470, 1980;
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10. V.I. Andreev, A.N. Nesrullajev, A.S. Sonin, B.M. Stepanov, E.B. Shelemin, "Determination of spatial image parameters by thermo-optical recording on smectics A", **"Journal of Technical Physics"**, v.51, pp.879-883, 1981;
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12. E.N. Lehzier, A.N. Nesrullajev, A.S. Sonin, B.M. Stepanov, "Investigation of the refractive index temperature dependences in the smectic A – nematic phase transition region by holographic methods", **"Physics of Solid State (Sov.)"**, v.23, pp.2028-2033, 1981;
13. A.N. Nesrullajev, F.A. Rustamov, A.Kh. Zeynally, "Textures and their transformations in water solution of potassium oleate", **"Reports of the Azerbaijan Academy of Sciences"**, v.39, pp.33-39, 1983;
14. A.V. Golikov, A.N. Nesrullajev, F.A. Rustamov, A.S. Sonin, "Investigation of liquid crystalline phases and textures in water solution of sodium pentadecylsulphonate", **"Journal of Physical Chemistry (Sov.)"**, v.57, pp.1298-1300, 1983;
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18. S.A. Gadgiev, A.N. Nesrullajev, A.Kh. Zeynally, "Holographic method of quality determination in oriented textures of liquid crystals", **"News of the Azerbaijan Academy of Sciences"**, v.41, pp.315-320, 1985;
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