COMPATIBLE ANALYSIS OF INFORMABILITY BETWEEN SHEAR INTERFEROGRAM AND SHLIEREN PATTERNS OF GASE FLOWS

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Shear interferometric and shlieren methods can apply as for investigation small structures within of gase flows, and for turbulence characteristics. At small amount of shear and at adjustment on infinite interference band, shear and shlieren patterns often for visualization of flows are utilized. Nevertheless, spatial modulation of intensity in this patterns contains different information, especially for statistics characteristics of flows. At present work analyze distinguishes information contains shear and shlieren patterns are performed. Some experimental examples of such distinguishes are presented.