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### Symposium: Nonlinear Waves And Singularities In Optics ...

Symposium: Nonlinear Waves And Singularities In Optics, Hydrodynamics And Plasmas Ildar R. Gabitov\* And Pavel M. Lushnikov^ \* Department Of Mathematics, The University Of Arizona, Tucson, AZ, 85721, USA ^Department Of 13th, 2024

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Committee Member, Dr. Mary-Beth Hueste For Giving Me The Opportunity To Work On Such A Large Scale Research Project. I Would Also Like To Thank Them For Their Guidance And Support. I Also Thank Dr. James Caverlee For Being Part Of My Committee. I Would Like To Dedicate This Thesis To ... 21th, 2024

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That Quantity, I.e., The Intensity Of Force Distributed Over The Given Area Or Simply The Force Per Unit Area Is Called The Stress. P A  $\sigma$ = 1.1 In SI Units, Force Is Expressed In Newtons (N) And Area In Square Meters. Consequently, The Stress Has Units Of Newtons Per Square Meter (N/m2) Or Pascals 23th, 2024

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