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Ph.D. Student in Mechanical Engineering, admitted Autumn 2018

 Resume available Online

### Publications

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#### PUBLICATIONS

- **Quantifying How Turbulence Enhances Boundary Layer Skin Friction and Surface Heat Transfer** *AIAA JOURNAL*  
Kianfar, A., Elnahas, A., Johnson, P. L.  
2023
- **Angular momentum and moment of total enthalpy integral equations for high-speed boundary layers** *PHYSICAL REVIEW FLUIDS*  
Kianfar, A., Di Renzo, M., Williams, C., Elnahas, A., Johnson, P. L.  
2023; 8 (5)
- **On the enhancement of boundary layer skin friction by turbulence: an angular momentum approach** *JOURNAL OF FLUID MECHANICS*  
Elnahas, A., Johnson, P. L.  
2022; 940