

Walid Aarsalane

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(662) 617-2924 ◊ wa293@cavs.msstate.edu

Skills

Programming Software	C++, C, Matlab, LaTeX
	Vim, GDB, Valgrind, git, GNU Make, Unix-like OS, MPI, OpenMP, PETSc, libMesh, VTK, Tecplot, Paraview, CATIA, SOLIDWORKS, Abaqus, microsoft office
Languages	English, French, Arabic

Education

Mississippi State University Ph.D. in Computational Engineering	<i>December 2021</i>
Mississippi State University M.S. in Aerospace Engineering	<i>December 2018</i>
International University of Rabat Aerospace Engineer	<i>December 2018</i>
International University of Rabat B.S. in Aerospace Engineering	<i>May 2016</i>

Experience

Computational Dynamics and Design Laboratory <i>Graduate Research Assistant</i>	August 2017 - Present <i>Starkville, MS</i>
Daher Aerospace <i>Summer Intern</i>	June 2015 - August 2015 <i>Tangier, Morocco</i>

Selected Publications

Walid Aarsalane. *Eigenvalue analysis of Timoshenko beams and Mindlin plates with unfitted finite element methods. [electronic book]*. Mississippi State : Mississippi State University, 2018., 2018. URL <http://search.ebscohost.com/login.aspx?direct=true&db=cat00043a&AN=mstate.3222357&site=eds-live&scope=site&custid=magn1307>

Walid Aarsalane and Manav Bhatia. *Immersed Boundary Eigenvalue Analysis of Timoshenko Beams and Mindlin Plates*. doi:10.2514/6.2018-3575. URL <https://arc.aiaa.org/doi/abs/10.2514/6.2018-3575>

Professional Organizations

AIAA Student Member
SIAM Student Member