

Tim Lee's journal publications

82. Lee, T., and Tremblay-Dionne, V., (2018) "Impact of wavelength and amplitude of a wavy ground on a static NACA 0012 airfoil" submitted to *Journal of Aircraft* (paper in review).
81. Lee, T., (2018) "Aerodynamic performance of non-slender reverse delta wing and delta wing in ground effect," submitted to *Journal of Aerospace Engineering* (paper in review; manuscript no. JAERO-18-0275).
80. Lee, T., and S. He., (2018) "Ground effect on the tip vortices generated by wings with different planforms and configurations," submitted to *Aerospace Science and Technology* (paper in review; AESCTE-2018-1067).
79. Lee, T., and Tremblay-Dionne, V., (2018) "Impact of wavy and flat ground proximity on the flow and forces generated by a flapped symmetric airfoil" submitted to *Journal of Fluid Mechanics* (paper in revision; manuscript no. JFM-18-S-0163).
78. Lee, T., and Tremblay-Dionne, V., (2017) "Impact of ground proximity on a slender reverse delta wing," submitted to *International Journal of Aerodynamics* (paper in revision; manuscript no. IJAD-202228).
77. Lee, T., Huitema, D., and Leite, P., (2018) "Ground effect on a cropped reverse delta wing equipped with Gurney flaplike side-edge strips and anhedral," *Journal of Aerospace Engineering* ; published online <https://doi.org/10.1177/0954410018779504>, pp.1-12.
76. Lee, T., and Ko, L.S., (2018) "Ground effect on the vortex flow and aerodynamics of a slender delta wing," *ASME Journal of Fluids Engineering*, Vol. 140, pp. 071104-1 to -9.
75. Tremblay-Dionne, V., and Lee, T., (2018) "Ground effect on the aerodynamics of a NACA 0015 airfoil with a plain trailing-edge flap," *Fluid Mechanics Research International Journal* , Vol. 2, Issue 1, pp. 6-12.
74. Lee, T., Tremblay-Dionne, V., and Ko, L.S., (2017) "Ground effect on a slender reverse delta wing with anhedral," *Journal of Aerospace Engineering*; published online <https://doi.org/10.1177/0954410017754147>; pp. 1-10.
73. Lee, T., and Tremblay-Dionne, V., (2018) "Experimental investigation of the aerodynamics and flow field of a NACA 0015 airfoil over a wavy ground," *ASME Journal of Fluids Engineering*, Vol. 140, pp. 071202-1 to -10; also published online DOI: 10.1115/1.4039236; pp. 1-9.
72. Lee, T., Tremblay-Dionne, V., and Ko, L.S., (2017) "Impact of anhedral on a reverse delta wing," *Journal of Aerospace Engineering*; published online <https://doi.org/10.1177/0954410017715047>, pp. 1-9.

71. Lee, T., Majeed, A., Siddiqui, B., and Tremblay-Dionne, V., (2017) "Impact of ground proximity on the aerodynamic properties of an unsteady airfoil," *Journal of Aerospace Engineering*; published online <https://doi.org/10.1177/0954410017703416>; pp. 1-17.
70. Lee, T., and Ko, L.S., (2017) "Vortex flow and lift generation of a non-slender reverse delta wing," *Journal of Aerospace Engineering*, Vol. 231, Issue 13, pp. 2438-2451.
69. Lee, T., and Ko, L.S., (2016) "Aerodynamics and vortex flowfield of a slender delta wing with apex flap and tip flap," *ASME Journal of Fluids Engineering*, Vol. 139, Issue 5, pp. 1-8.
68. Lee, T., (2016) "Impact of Gurney flap-like strips on the aerodynamic and vortex flow characteristic of a reverse delta wing," *ASME Journal of Fluids Engineering*, Vol. 138, Issue 6, pp. 1-9.
67. Lee, T. and Ko, L.S., (2016) "Experimental study of the vortex flow and aerodynamic characteristics of a reverse delta wing," *Journal of Aerospace Engineering*, Vol. 230, Issue 6, pp. 1126-1138.
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65. Lee, T. and Su, Y.Y., (2015) "Surface pressures developed on an airfoil undergoing heaving and pitching motion," *ASME Journal of Fluids Engineering*, Vol. 137, Issue 5, pp. 1-11.
64. Lee, T. and Pereira, J., (2013) "Passive control of unsteady-wing tip vortex via a slender half-delta wing in both reverse and regular configurations," *Experiments in Fluids*, Vol. 54, Issue 7, pp. 1564-1575.
63. Lee, T. and Pereira, J., (2013) "Modification of static-wing tip vortex via a slender half-delta wing," *Journal of Fluids and Structures*, Vol. 43, pp. 1-14.
62. Lee, T., (2012) "Low-Reynolds-number aerodynamic load determination via line integral of velocity obtained with particle image velocimetry," *Experiments in Fluids*, Vol. 53, Issue 5, pp. 1177-1190.
60. Lee, T. and Su, Y.Y., (2012) "Wingtip vortex control via the use of a reverse half-delta wing," *Experiments in Fluids*, Vol. 52, Issue 6, pp. 1593-1609.
59. Lee, T. and Su, Y.Y., (2012) "Aerodynamic performance of a wing with a deflected tip-mounted reverse half-delta wing," *Experiments in Fluids*, Vol. 53, Issue 5, pp. 1221-1232.
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53. Lee, T., and Ko, L.S., (2009) "PIV investigation of the flowfield behind porous trailing-edge flaps," *Experiments in Fluids*, Vol. 46, No. 6, pp. 1005-1019.
52. Lee, T., (2009) "Unsteady airfoil with dynamic leading- and trailing-edge flaps," *Journal of Aircraft*, Vol. 46, No. 3, pp. 1076-1081.
51. Lee, T., (2009) "Aerodynamic characteristics of airfoil with perforated Gurney-type flaps," *Journal of Aircraft*, Vol. 46, No. 2, pp. 542-548.
50. Lee, T. and Ko, L.S., (2008) "On the vortex wake generated behind a forward swept wing," *Journal of Aircraft*, Vol. 46, No. 2, pp. 717-721.
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