

[05.2 – Flight Dynamics and Control (UAV related)]

## 8.9 \_ UAV Flight Dynamics and Control

<b>Date</b>	29 September 2016 (Thursday)
<b>Time</b>	10:00–12:30
<b>Place</b>	Track 8 (#108)
<b>Session Chair:</b>	

<b>8.9.1</b>	<b>10:00–10:30</b>	<b>[2016_0096] ONE-VERSUS-ONE AIR-TO-AIR COMBAT MANEUVER GENERATION BASED ON THE DIFFERENTIAL GAME</b> B.-Y. Lee <sup>1</sup> , S. Han <sup>1</sup> , H.-J. Park <sup>2</sup> , D.-W. Yoo <sup>2</sup> , M.-J. Tahk <sup>1</sup> ; <sup>1</sup> Korea Advanced Institute of Science and Technology, South Korea ; <sup>2</sup> Agency for Defense Development , South Korea
<b>8.9.2</b>	<b>10:30–11:00</b>	<b>[2016_0129] CAPTURE REGION ANALYSIS FOR MISSILE GUIDANCE WITH FIELD-OF-VIEW CONSTRAINT AGAINST MOVING TARGET</b> S. Lee <sup>1</sup> , Y. Kim <sup>1</sup> , T.-Y. Um, Agency for Defense Development, South Korea; <sup>1</sup> Seoul National University, South Korea
<b>8.9.3</b>	<b>11:00–11:30</b>	<b>[2016_0158] A NEW SOLUTION METHOD FOR SIX DEGREE OF FREEDOM FLIGHT DYNAMICS SIMULATION OF A HIGH ASPECT RATIO WING VEHICLE</b> Y.B. Been <sup>1</sup> , Y.J. Kang <sup>1</sup> , S.J. Shin <sup>1</sup> ; <sup>1</sup> Seoul National Univ., South Korea
<b>8.9.4</b>	<b>11:30–12:00</b>	<b>[2016_0445] OPERATION SCENARIOS OF UNMANNED AIRCRAFT SYSTEMS INTEGRATED INTO THE KOREAN NATIONAL AIRSPACE SYSTEM</b> T.M. Shim <sup>1</sup> , Y.J. Kim <sup>1</sup> , H.C. Bang <sup>1</sup> ; <sup>1</sup> KAIST, South Korea
<b>8.9.5</b>	<b>12:00–12:30</b>	<b>[2016_0477] EFFECT OF YAW-TILTED HINGE AXIS ON DEPLOYMENT ROBUSTNESS OF MARS AIRPLANE</b> K. Fujita <sup>1</sup> , H. Nagai, Tohoku University, Japan; A. Oyama <sup>1</sup> ; <sup>1</sup> ISAS/JAXA, Japan