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| Evaluation of Energy Efficiency and Material Removal Rate in Hybrid Manufacturing Processes (Title in English Here, Arial Narrow 24pt) |
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| **John Green1, Kil-Tong Park2,#, Ichiro Tanaka1 and Wei Chang1 (Name in English,Arial Narrow 12pt)**  1 Department of Mechanical Engineering, Green University, Green Building 301-1205, Seattle, WA, USA, 98000 (Zip code)  2 School of Mechanical Engineering, Green Institute of Technology, 23-7, Hana-dong, Dong-gu, Seoul, South Korea, 234-567 (Arial Narrow 7.5pt)  # Corresponding Author / E-mail: ijpem@kspe.or.kr, TEL: +82-2-123-4567, FAX: +82-2-123-4567 |
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| KEYWORDS : Arial Narrow 7.5pt, Carbon fiber, Cutting force, Carbon fiber, Cutting force, Written in English Keywords |
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| *Abstract should be written in English using Times New Roman 9pt. Write English abstract here. Write English abstract here. Write English abstract here. Write English abstract here. Write English abstract here. Write English abstract here. Write English abstract here. Write English abstract here. Write English abstract here. Write English abstract here. Write English abstract here. Write English abstract here. Write English abstract here. Write English abstract here. Write English abstract here. Write English abstract here. Write English abstract here. Write English abstract here. Write English abstract here. Write English abstract here. Write English abstract here. Write English abstract here. Write English abstract here. Write English abstract here. Write English abstract here. Write English abstract here. Write English abstract here. Write English abstract here. Write English abstract here. Write English abstract here.* |
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| **NOMENCLATURE**  a = directional orientation of the system  h = strip thickness with strip thickness and strip thickness  strip thickness |

**1. Introduction (Times New Roman 10pt)**

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**2. Extension of Two-Dimensional Model to the Turning Process (Times New Roman 10pt)**

**2.1 Simulation (Times New Roman 9.5pt)**

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Fig. 1 Block diagram of multi-modal chatter model of a high speed machining center (Times New Roman 9pt)

Fig. 2 Block diagram of multi-modal chatter model of a high speed machining center

**2.1.1 Simulation (Times New Roman 9.5pt)**

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Fig. 3 Block diagram of multi-modal chatter model of a high speed machining center (Times New Roman 9pt) in English using Times New Roman 9pt. Contents of the journal should be written in English using Times New Roman 9pt. Contents of the journal should be written in English using Times New Roman 9pt. Contents of the journal should be written in English using Times New Roman 9pt. Contents of the journal should be written in English using Times New Roman 9pt. Contents of the journal should be written in English using Times New Roman 9pt. Contents of the journal should be written in English using Times New Roman 9pt. Contents of the journal should be written in English using Times New Roman 9pt.

**3. Conclusions (Times New Roman 10pt)**

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Table 1 Comparison of measured roughness data

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**ACKNOWLEDGEMENT**

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