Template for Submission of Manuscripts (Short Communication) to Special Issue on WCARP-V

<Title 16pt, bold> Stress transfer of poly (vinyl alcohol) / montmorillonite nanocomposite using X-ray diffraction

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Key words: up to 5 words / Montmorillonite / Reinforcement / X-ray diffraction / Stress transfer

Main Text: Short Communication limited to less than 2 printed pages. For full instructions, please see the journal's Instructions for Authors in Japanese (following pages). SI unit must be used. Adhesion adhesion.

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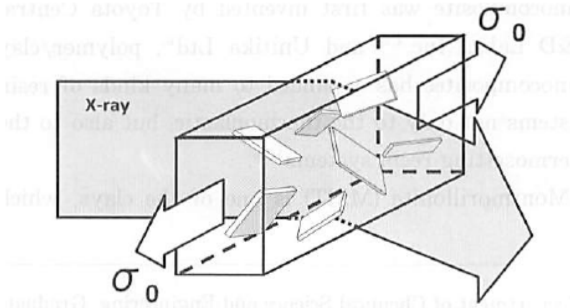

Fig. 1 Schematic model for the measurement of the strain on the MMT platelets incorporated into PVA matrix by X-ray diffraction.

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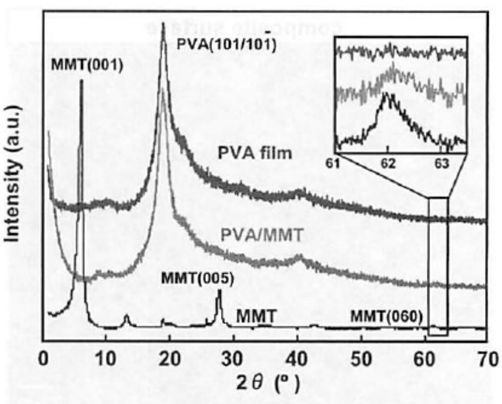

Fig. 2 X-ray diffraction profiles of PVA film, PVA/MMT nanocomposite and MMT.

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REFERENCES (12 pt)

References to the literature should be numbered in one consecutive series. The following format must be followed.

1) S. R. Culler, H. Ishida and J. L. Koenig, J. Colloid Interface Sci., 109, 1 (1986).

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