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Effects of fibre orientation on wear behavior of copper mesh modified-carbon/carbon composite under electric current

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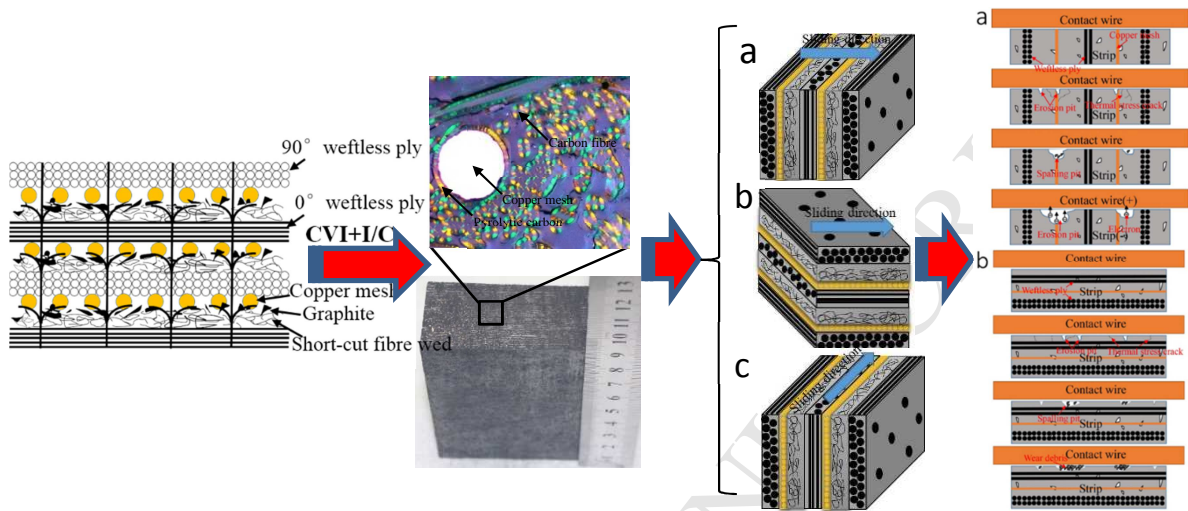
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Graphical Abstract

A carbon fibre/copper fibre-reinforced carbon composite was fabricated using a chemical vapor infiltration process and impregnation and carbonization technique. The wear behaviors of the composites for three sliding directions were investigated under an AC electric current. The wear mechanisms were used to explain the differences in the wear behaviors of the three orientations.



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