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Realizing robust half-metallic transport with chemically modified graphene nanoribbons

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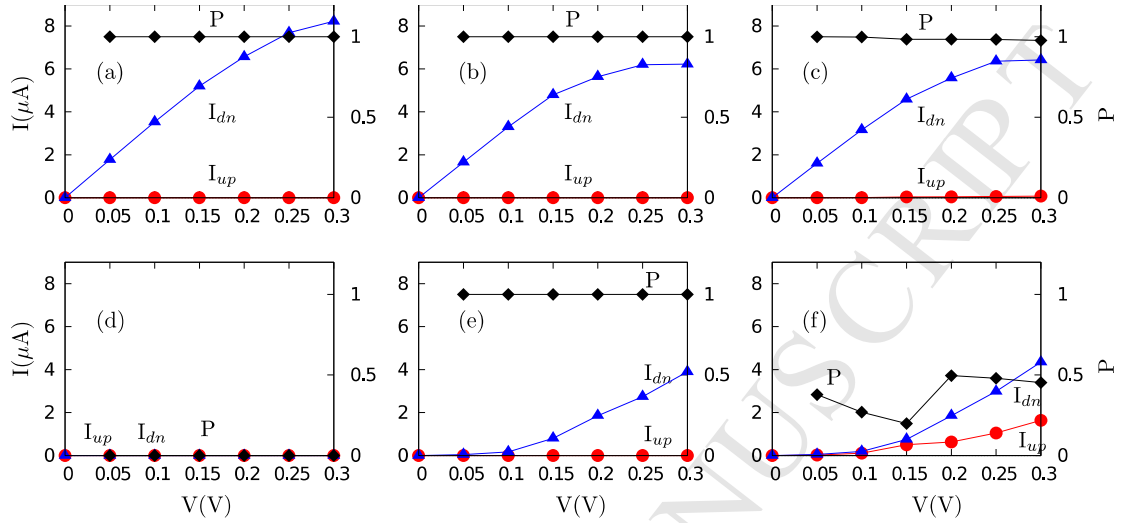
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Graphic Abstract

A scheme is proposed to realize robust perfect half-metallic transport by BN co-doped ZGNRs with negligible F-AF energy difference.



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