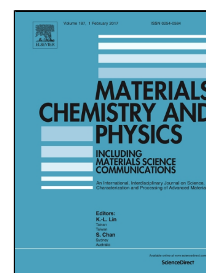


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Initiation and inhibition of pitting corrosion on reinforcing steel under natural corrosion conditions

S. Abd El Wanees, A. Bahgat Radwan, M.A. Alsharif, S.M. Abd El Haleem



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Highlights

- * Cl^- and SO_4^{2-} induce pitting corrosion on passive reinforcing steel
- * Initiation and propagation of pitting depend on cation and anion types
- * Inhibition is based on adsorption according to Langmuir isotherm
- * The inhibition efficiency follows the order 5-Cl-BTA > BTA > 5-

Nitro-BTA

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