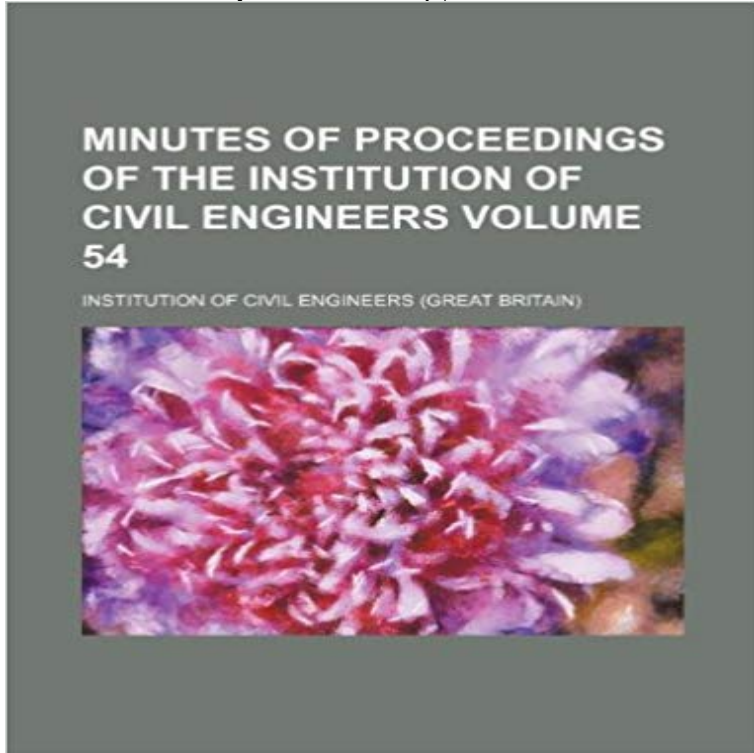


# Minutes of proceedings of the Institution of Civil Engineers Volume 54



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