

External prestressing for building structural repair

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Abstrak

This paper presents the application of external prestressing as an alternative of repatring and strengthening method for building structural elements. Prestressing outside the concrete will ease the repair work without much disturbing the existing concrete elements, and also simplify the qualily control of the repair work. For the case study, we present some interesting aspects in repairing and strengthening the MMP dan JIA buildings in Jakarta, which are repaired by using the external prestressing method.