## Effect of the concrete cover thickness ratio on the post-yield stiffness of bridge columns with partially unbonded unstressed steel strands

by Ahmad Saiful Haqqi

Submission date: 06-Apr-2023 08:11AM (UTC+0700) Submission ID: 2057083817 File name: s43251-022-00060-3.pdf (4.24M) Word count: 6906 Character count: 34523

## Effect of the concrete cover thickness ratio on the post-yield stiffness of bridge columns with partially unbonded unstressed steel strands

**ORIGINALITY REPORT** 



6%

★ Lin Zhao, Fengying Wu, Zhenbiao Liu, Aiguo Yan, Yaojun Ge. "Advances in modeling boundary layer turbulence and its effects on motion independent aerodynamic force of bridge decks", Advances in Bridge Engineering, 2022

Exclude quotes Off Exclude bibliography Off Exclude matches < 1%