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Apparent power-law fluid behavior of vibrated fresh concrete:  
Engineering arguments based on Stokes-type sphere viscometer  
measurements

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**Highlights**

- Stokes-type sphere viscometer suitable for characterization of fresh concrete.
- Experimental setup allows for simultaneous vibration during testing.
- Yield-stress fluid behavior for non-vibrated suspension.
- Apparent power-law fluid behavior of suspension when vibrated simultaneously.

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