## Estimates for the semigroup associated with Bernstein-Schnabl operators

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## ABSTRACT.

We consider a differential operator of the form  $Au(x)=\alpha(x)u"(x), 0\leq x\leq 1$ . Under suitable assumptions, it generates a semigroup  $(T(t))_{t\geq 0}$  which can be approximated by iterates of the Bernstein-Schnabl operators. We obtain quantitative results concerning the behaviour of T(t) when  $t\to 0^+$  and  $t\to +\infty$ .

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