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See Keong Lee* (sklee@usm.my), School of Mathematical Sciences, Universiti Sains Malaysia, 11800 USM, Penang, Malaysia. *The Janowski starlikeness of a solution of second order differential equation.* Preliminary report.

Let $\mathbb{D} = \{z : |z| < 1\}$ be the unit disc on the complex plane \mathbb{C} . Let $a(z)$, $b(z)$ and $c(z)$ be analytic functions on \mathbb{D} such that the equation

$$c(z)F''(z) + a(z)F'(z) + b(z)F(z) = 0,$$

has unique solution $F(z)$ satisfying $F(0) = 0 = F'(0) - 1$. In this preliminary work, conditions on $c(z)$, $a(z)$ and $b(z)$ will be investigated so that the solution $F(z)$ is subordinate to $\frac{1+Az}{1+Bz}$, $-1 \leq B < A \leq 1$. (Received September 22, 2017)