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ferential equation
 $a(t) \frac{d^2y}{dt^2} + b(t)$

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$dy/dt + c(t)y = 0$,
(2.1) where $a(t)$,
 $b(t)$ and $c(t)$ are
known functions.

(1) If $y_1(t)$ and
 $y_2(t)$ satisfy (2.1),
then for any two
constants C_1 and
 C_2 , $y(t) =$
 $C_1y_1(t) + C_2y_2(t)$
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