
Algorithm 1 computer moving average convergence/divergence

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1: procedure MACD( $x$ ,  $slow=26$ ,  $fast=12$ )                                     ▷ 1 month, 2 weeks
2:    $ema_{slow} = \text{ema}(x, slow)$ 
3:    $ema_{fast} = \text{ema}(x, fast)$ 
4:   Return  $ema_{slow}, ema_{fast}, ema_{fast} - slow$ 
5: end procedure
```
