# Power stocks

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**Abstract**

In this paper, I describe power stocks and 14 solutions to power stocks.
The paper ends with "The End"

## Introduction

A **power stock** is a stock whose price $P$ and earning $E$ satisfy the equation

$$P = a\frac{P}{E} + b\log\left(\frac{P}{E}\right) + c$$

where
$P$ is the price of the power stock
$E$ is the earning of the power stock
$a$ and $b$ are the linear and logarithmic coefficients
of the price-to-earning ratio of the power stock
$c$ is the intrinsic price of the power stock

## 14 solutions to power stocks

14 solutions to power stocks to four-digit precision are

1. $$P = 286.5344, E = 65, a = 27, b = 90, c = 34$$

2. $$P = 246.6491, E = 52, a = 19, b = 71, c = 46$$

3. $$P = 333.9702, E = 71, a = 60, b = 50, c = 44$$

4. $$P = 557.9383, E = 72, a = 57, b = 26, c = 63$$

5. $$P = 118.0495, E = 94, a = 10, b = 68, c = 90$$

6. $$P = 194.2895, E = 40, a = 21, b = 16, c = 67$$

7. $$P = 202.0312, E = 93, a = 26, b = 60, c = 99$$

8. $$P = 314.5956, E = 82, a = 34, b = 73, c = 86$$

9. $$P = 6501.4318, E = 85, a = 82, b = 34, c = 82$$

10. $$P = 251.5323, E = 72, a = 37, b = 25, c = 91$$

11. $$P = 186.8933, E = 77, a = 15, b = 84, c = 76$$

12. $$P = 490.8131, E = 26, a = 16, b = 52, c = 36$$

13. $$P = 548.0235, E = 53, a = 45, b = 20, c = 36$$

14. $$P = 224.8988, E = 67, a = 21, b = 92, c = 43$$

## The End