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**rubiktest-projectname**

***Release 0.1.0***

**rubiktest-authorname**

**May 13, 2024**



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Smá meira testing test. Hér verður flott síða. lj lkjlkjlkj. asdf adsfasdf.

Since Pythagoras, we know that  $a^2 + b^2 = c^2$ .

$$e^{i\pi} + 1 = 0 \quad (1)$$

Euler's identity, equation (1), was elected one of the most beautiful mathematical formulas.

$$\underline{x} = [x_1, \dots, x_n]^T$$

Setjum  $b_y = -6b_x$  inn og fáum:

$$\begin{aligned} 9 &= \sqrt{b_x^2 + b_y^2} \\ 9 &= \sqrt{b_x^2 + b_y^2} \\ &= \sqrt{b_x^2 + (-6b_x)^2} \\ &= \sqrt{b_x^2 + 36b_x^2} \\ &= \sqrt{37b_x^2} \\ &= b_x \sqrt{37} \\ b_x &= \frac{9}{\sqrt{37}} \approx 1.480 \\ b_y &= -6b_x = \frac{-54}{\sqrt{37}} \approx -8.878 \end{aligned}$$

Vigur sem er samsíða  $\bar{a} = (-1, 6)$  og hefur lengdina 9 er því

$$\bar{b} = \begin{pmatrix} \frac{9}{\sqrt{37}} \\ \frac{-54}{\sqrt{37}} \end{pmatrix}$$

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### Dæmi og lausn

Hér er dæmi og lausn

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### Annað dæmi og lausn sem er hægt að opna og loka

Hér er annað dæmi og lausn

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### Dæmi og lausn

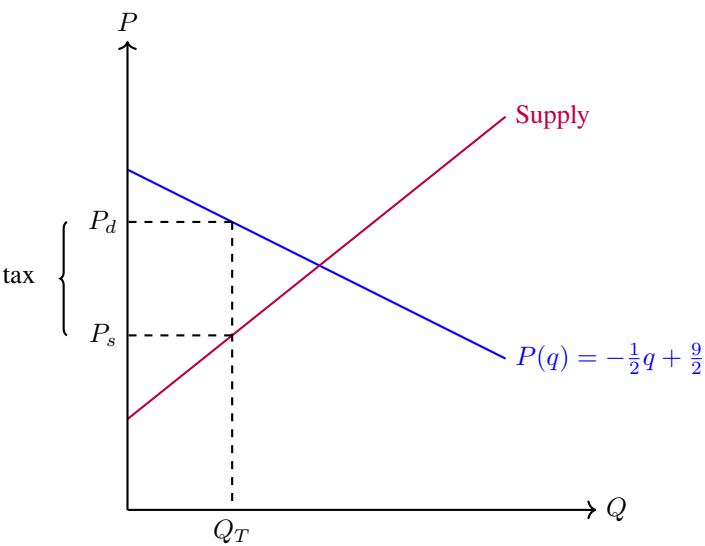
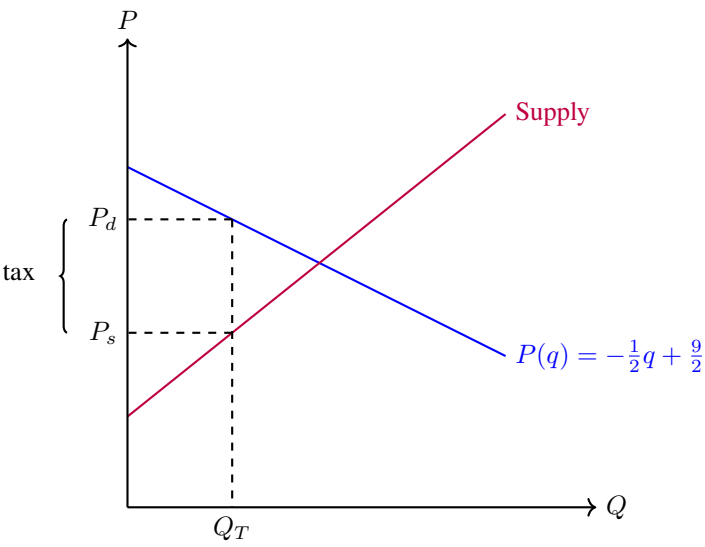
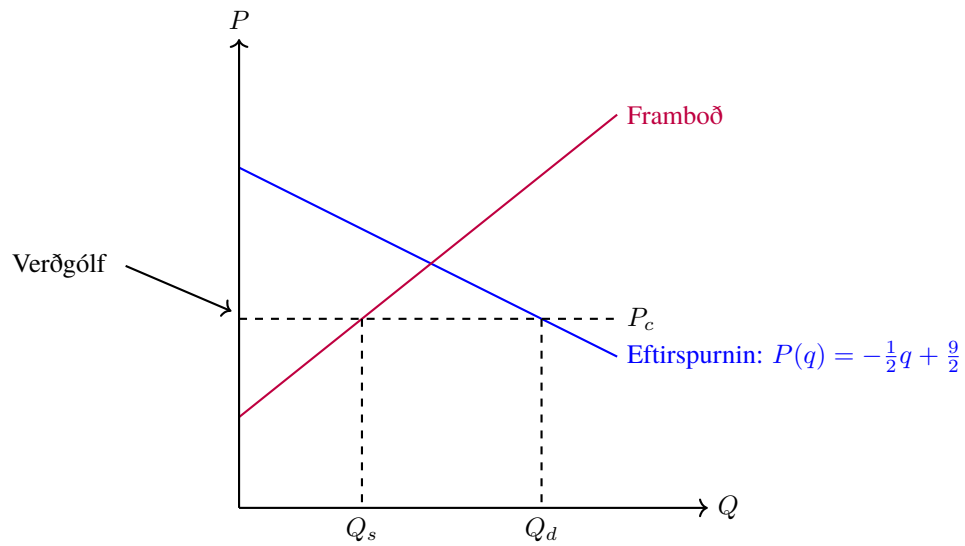


Fig. 1: test2.tex – lkj lkj lkj lkj lkj lkj lkjlkjlkjlkj lkj lkj lkj lk jlkj lkj lk jlkj lkj lkJ LKJ

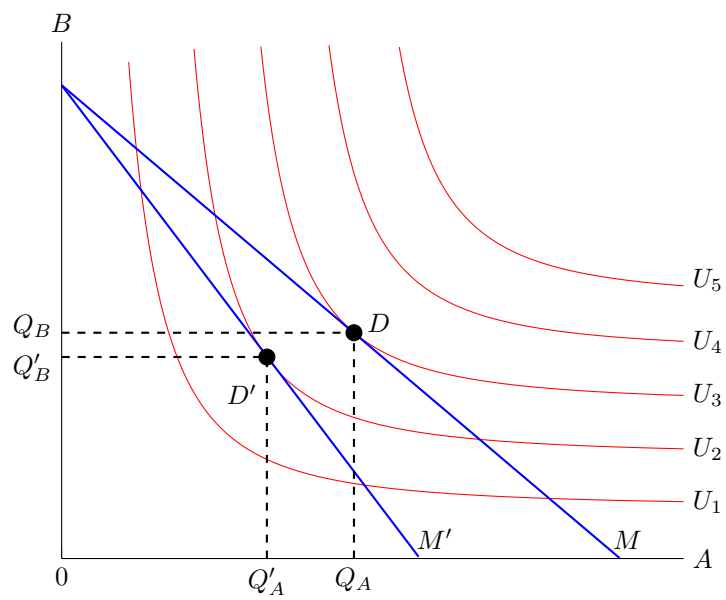
test.tex



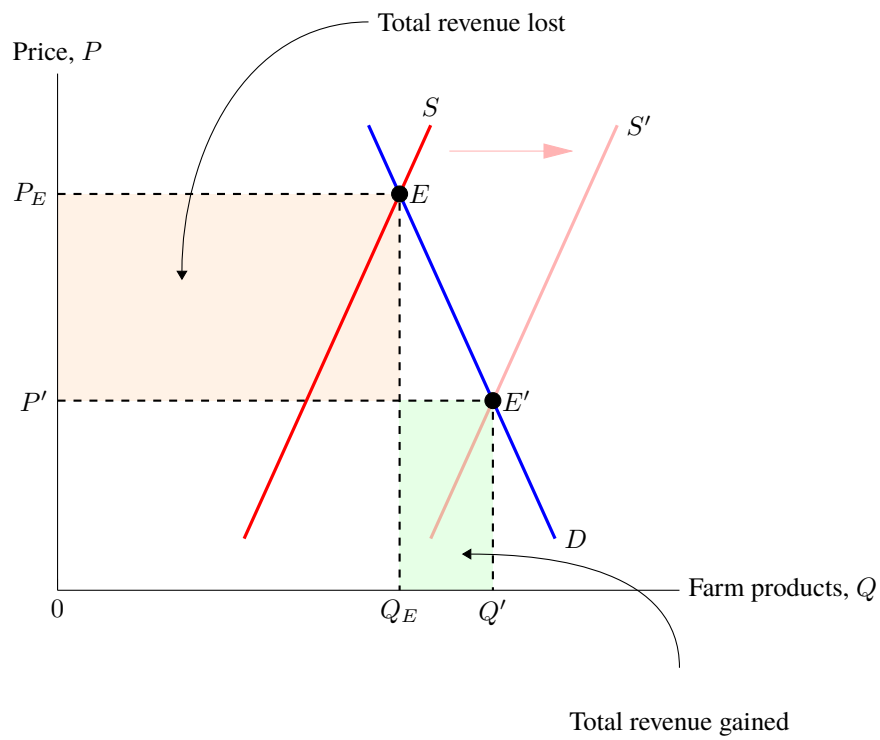
Verðgólf inn í RST



test2.tex

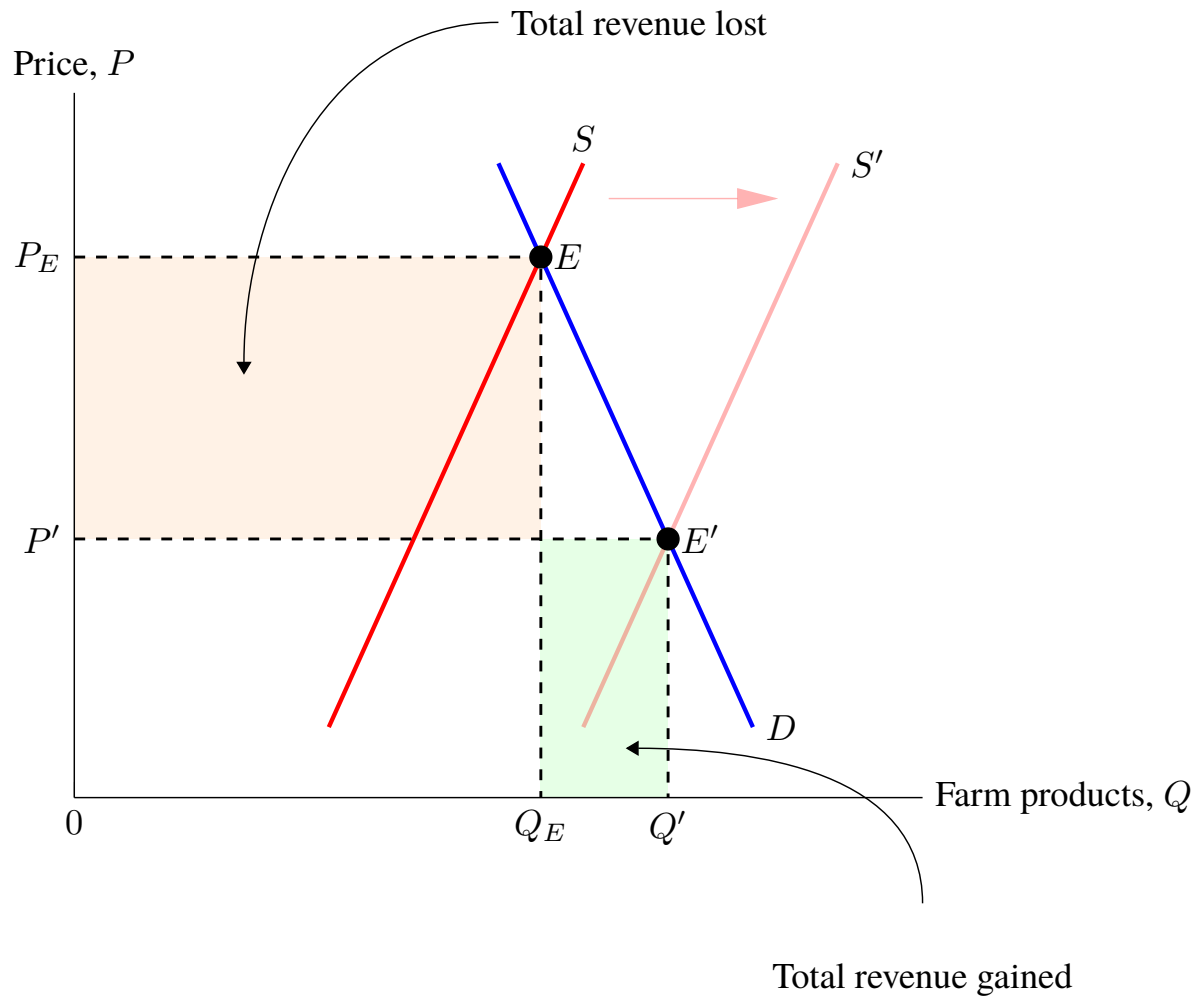


test3.tex



test4.tex





test\_table.tex

| level | dof               | error                |
|-------|-------------------|----------------------|
| 1     | 4                 | 0.25                 |
| 2     | 16                | $6.25 \cdot 10^{-2}$ |
| 3     | 64                | $1.56 \cdot 10^{-2}$ |
| 4     | 256               | $3.91 \cdot 10^{-3}$ |
| 5     | 1,024             | $9.77 \cdot 10^{-4}$ |
| 6     | 4,096             | $2.44 \cdot 10^{-4}$ |
| 7     | 16,384            | $6.10 \cdot 10^{-5}$ |
| 8     | 65,536            | $1.53 \cdot 10^{-5}$ |
| 9     | $2.62 \cdot 10^5$ | $3.81 \cdot 10^{-6}$ |
| 10    | $1.05 \cdot 10^6$ | $9.54 \cdot 10^{-7}$ |

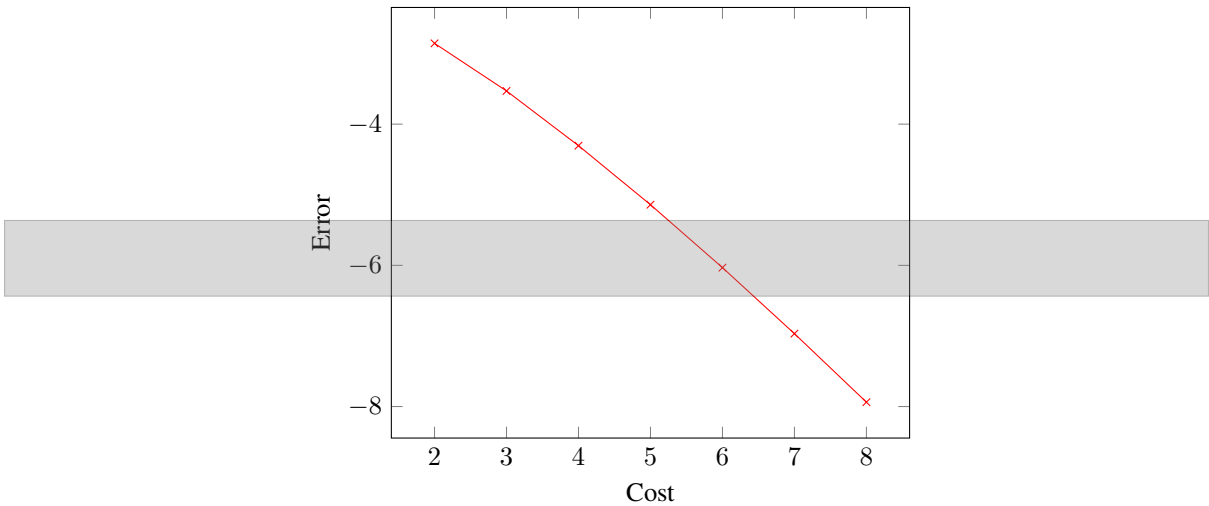
test\_table1.tex

| level | dof               | error                |
|-------|-------------------|----------------------|
| 1     | 4                 | 0.25                 |
| 2     | 16                | $6.25 \cdot 10^{-2}$ |
| 3     | 64                | $1.56 \cdot 10^{-2}$ |
| 4     | 256               | $3.91 \cdot 10^{-3}$ |
| 5     | 1,024             | $9.77 \cdot 10^{-4}$ |
| 6     | 4,096             | $2.44 \cdot 10^{-4}$ |
| 7     | 16,384            | $6.10 \cdot 10^{-5}$ |
| 8     | 65,536            | $1.53 \cdot 10^{-5}$ |
| 9     | $2.62 \cdot 10^5$ | $3.81 \cdot 10^{-6}$ |
| 10    | $1.05 \cdot 10^6$ | $9.54 \cdot 10^{-7}$ |

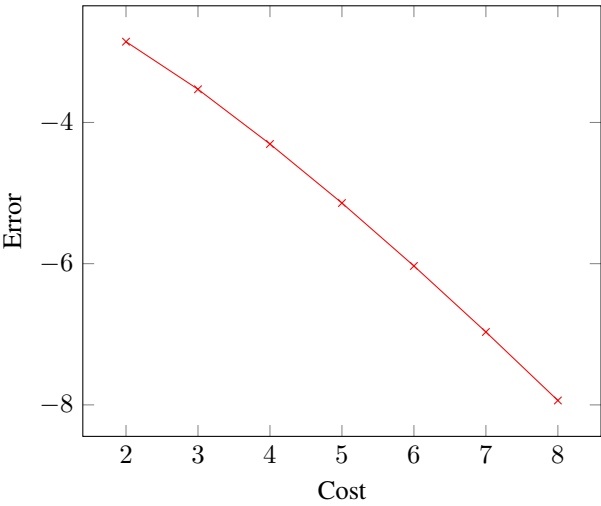
test\_table2.tex

| level | dof               | error                |
|-------|-------------------|----------------------|
| 1     | $6.55 \cdot 10^8$ | 0.25                 |
| 2     | 16                | $6.25 \cdot 10^{-2}$ |
| 3     | 64                | $1.56 \cdot 10^{-2}$ |
| 4     | 256               | $3.91 \cdot 10^{-3}$ |
| 5     | 1,024             | $9.77 \cdot 10^{-4}$ |
| 6     | 4,096             | $2.44 \cdot 10^{-4}$ |
| 7     | 16,384            | $6.10 \cdot 10^{-5}$ |
| 8     | 65,536            | $1.53 \cdot 10^{-5}$ |
| 9     | $2.62 \cdot 10^5$ | $3.81 \cdot 10^{-6}$ |
| 10    | $1.05 \cdot 10^6$ | $9.54 \cdot 10^{-7}$ |

test\_canvas1.tex



test\_canvas2.tex



Euler’s identity, equation (1), was elected one of the most

| Header 1 | Header 2 |
|----------|----------|
| 1        | one      |
| 1,5      | test     |
| 2        | two      |



## INDICES AND TABLES

- `genindex`
- `modindex`
- `search`