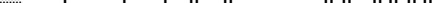
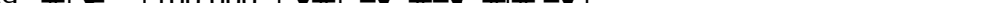


3. 

3.4:

3.4.4:  80 ñ 59 100 000

1.

1.1.  ()

$$\int \frac{1}{x^2} \ln \left(\frac{x^2 + 1}{x^2 - 1} \right) dx = \frac{1}{2} \ln \left(\frac{x^2 + 1}{x^2 - 1} \right) - \frac{1}{2} \frac{x^2 + 1}{x^2 - 1} + C.$$
$$\int \frac{1}{x} dx = \ln|x| + C$$

2. Diagram showing two parallel paths connected by a vertical wire. The left path has three resistors in series. The right path has one resistor followed by a junction box. A triangle points to the junction box.

2.1. 

100 000

2.2. |

53.

[illegible]

3.

13.12.2006 ♂ 602.

08.02.2013 ♂ 39.

25.12.2014 ♂ 402.

1998.

3.1.

100 000 30 ñ 59 100 000.

30 ñ 59 30 ñ 59

30 ñ 59 30 ñ 59

3.2. 30 ñ 59

30 ñ 59

4. 30 ñ 59

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5. 30 ñ 59

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30 ñ 59

6. 30 ñ 59

6.1. 30 ñ 59

30 ñ 59

30 ñ 59

30 ñ 59

6.2. 30 ñ 59

30 ñ 59

30 ñ 59

30 ñ 59

