1 : 1 -), 3 -, 5 – ), 4 – (5 (3 8 2 ( ). ); ( ) (2 (2 ); ); ). 8 (4 3 ( ). 2/3

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(1
                            Science, vol. 347 (2015), pp. 632-635.
                                               , 2 h, . . 1/12
                                                                                                    26
                                                                                                                                1/12 -
2167
                                           (2
           5
                                                                           (S),
                                                                             \ell_{\rm OC} = r_{\rm V} \cos W,
                                                                                                   [ = \frac{1}{2} + \frac{1}{2} \cos W, ...
                                                             S_V = [fr_V^2 = (1 + \cos W)\frac{1}{2}fr_V^2.
                                                                                                                               I_S = \frac{K_1}{r^2},
                                SO
                                                                                                  , 4fr_V^2), K_1 –
```

```
I_{V} = K_{2}I_{S}\frac{S_{V}}{2}. ... -
                                                  ( ), K_2 -
            (SE): R^2 = r^2 + ...^2 - 2r... \cos W ( . . SO \perp AB = EO \perp OC ).
I_V = K_2 K_1 \frac{2r_{\cdots} + r^2 + {\cdots}^2 - R^2}{4r^{3-3}} fr_V^2 = const \cdot \frac{(r + {\cdots})^2 - R^2}{3}.
                                                                                                \frac{dI_V}{d} = 0,
\frac{dI_{V}}{d} = const \cdot \frac{2(r + ...) ...^{3} - 3 ...^{2}[(r + ...)^{2} - R^{2}]}{3} = \frac{const}{3} \cdot (2r ... + 2 ...^{2} - 3r^{2} - 3 ...^{2} - 6r ... - 3R^{2}) = 0,
                                                              ...<sup>2</sup> + 4r... + 3(r<sup>2</sup> - R<sup>2</sup>) = 0. ... ... ... ... + 2.8... -1.53 = 0;
                                     ... = 0.47 ..., ( ...) \left[ = \frac{(r + ...)^2 - 1^2}{4 r} = 0.28 \right]
           (2
                                                                                       (6
            6
                                                                                                ( ) \frac{1}{S} = 1 - \frac{1}{S_{cid}}
47).
              1.09
                                                                                                                            (1.1), 25
                                                                                                              30
                                                                          2015
(0.3)
                                                              (6.4).
        ),
```