

• • ,  
• • ,  
• •

1912 . . -  
« , » [1, 2], ( , ) ;

« (path dependence);

« - » ( , ) . [3, 4], ( , ) ;

[5], [6], ( ) ;  
( ) ;

8 38 ( ) .

1. , ; - ,

2. , - ,

[7]:

---

© - ;  
- ;  
- « . ».

[9, 10].

[11]: «

15-20

[12],

«

»

« » («variation»)

« » («selection»),

[8].



1997 . [14].

( )  
 $q = 1 - p$

[15, 16]. 100-140  
 $q^2 - 2pq -$   
 $1 = (p + q)^2 = p^2 + 2pq + q^2$  (1)  
 1926 . . . -

10 [17].  
 - 2.

90% ( =  
 0,9),  $q = 1 - 0,9 = 0,1$ .

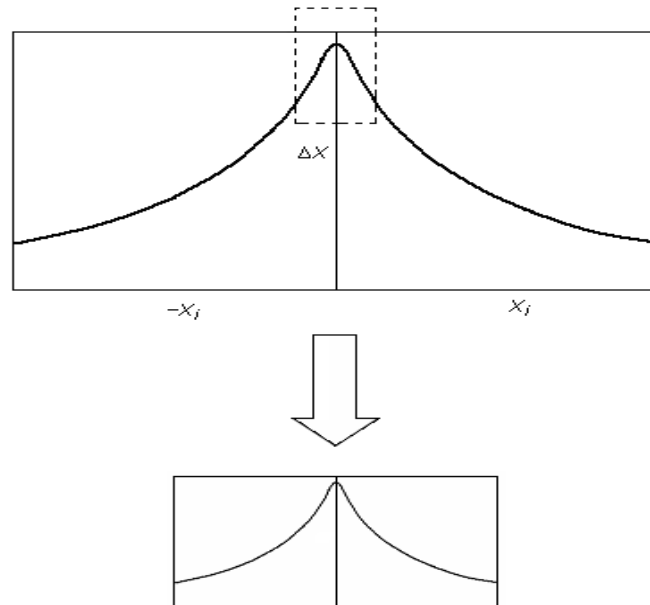
$(0,9)^2 = 0,81$ ,  
 $- 2 \cdot 0,9 \cdot 0,1 = 0,18$ ,  
 $- (0,1)^2 = 0,01$ .

5%  
 $(0,05)^2$   
 $= 0,0025$ ,  $2 \cdot 0,05 \cdot 0,95 = 0,095$ ,  $(0,95)^2 = 0,9025$ .

?  
 $(10 \cdot 0,81 + 2 \cdot 0,0025) / (10 + 2) = 0,675$ ;  
 $(10 \cdot 0,18 + 2 \cdot 0,095) / (10 + 2) = 0,166$ ;  
 $(10 \cdot 0,01 + 2 \cdot 0,9025) / (10 + 2) = 0,159$ .  
 $= 0,675 + 0,166 + 0,159 = 1$ .



( . ). , - ,  
( , ), , -  
« ».



1.

2.

3.

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