

Algebra of linearity

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2.5

3

A I

A II

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2

1

2

3



3. Gramer

1.*n*

2.



1. ( )

( ) ( )

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4.

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3. ( )

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2.

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2.

**1** □□

1.  $n$

2.

3.

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1.*n*

2.

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**2** □□

1.

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3.

4.

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+

$$\begin{array}{ccccccc}
 a_1 & & a_2 & & a_3 & & \\
 a_1=10\% & a_2=10\% & a_3=10\% & & & & 100 \\
 & a_4=70\% & & & & & \\
 & & 100\% = & a_1 + & a_2 + & a_3 + & \\
 & & & a_4 & & & 
 \end{array}$$

□

$a_1$		100		1 2
$a_2$		100		1 2
$a_3$		100	2	1 2
$a_4$		100	100	1 2

$$S = \sum_{i=1}^n \gamma_i S_i$$

1□

1	0.4		$OA_{1-1}=40$ $OA_{1-2}=40$ $OA_{1-3}=40$ $OB_1=40$	$A_{1-1}$ $A_{1-2}$ $A_{1-3}$ $B_1$	$S_1 = \frac{a_1 A_{1-1} + a_2 A_{1-2} + a_3 A_{1-3} + a_4 B_1}{a_1 OA_{1-1} + a_2 OA_{1-2} + a_3 OA_{1-3} + a_4 OB_1}$
2	0.6		$OA_{2-1}=60$ $OA_{2-2}=60$ $OA_{2-3}=60$ $OB_2=60$	$A_{2-1}$ $A_{2-2}$ $A_{2-3}$ $B_2$	$S_2 = \frac{a_1 A_{2-1} + a_2 A_{2-2} + a_3 A_{2-3} + a_4 B_2}{a_1 OA_{2-1} + a_2 OA_{2-2} + a_3 OA_{2-3} + a_4 OB_2}$
$i$	$\sum_{i=1}^2 \gamma_i = 1.0$		100		$S = \sum_{i=1}^2 \gamma_i S_i$

- 1.
- 100
- 2.

[1] . 3 [M]. : ,2008.

[2] . ( 2 ) [M]. : ,2013.

[3] . ( ) [M]. : ,2014.

1.

<https://www.icourse163.org/search.htm?search=%E7%90%86%E8%AE%BA%E5%8A%9B%E5%AD%A6#/>

2023 6