

Algebra of linearity

09910474

54

2.5

3

A I

A II

1

..

2

1

2

3



3. Gramer

1.*n*

2.



1. ( )

( ) ( )

2.

4.

1.

2.

3. ( )

4.

5.

1.

2.

3.

1.

2.

**1** □□

1.  $n$

2.

3.

4. ( )

5.

1.

2.

3.

4.

1.*n*

2.

3.

4.

1.

2.

**2** □□

1.

2.

3.

4.

5.

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3.

4.

5.

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2.

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4.

1.

2.

+

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

□

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

$$\begin{aligned}
 &= \\
 & \begin{matrix}
 & & A_i & & i \\
 B_i & & i & OA_i & i \\
 OB_i & & i & \gamma_i & i \\
 S & & S_i & i & 
 \end{matrix}
 \end{aligned}$$

1□

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

1.

100

2.

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- [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#/>

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