Three straight lines *a*, *b*, *c* that do not lie in the same plane are parallel to *a* and *c* if *a* and *b* are parallel and *b* and *c* are parallel.

한 평면에 위에 있지 않은 세 직선 *a*, *b*, *c*가 *a*와 *b*가 평행하고 *b*와 *c*가 평행할 때 *a*와 *c*가 평행하다.
(Three straight lines *a*, *b*, *c* that do not lie in the same plane are parallel to *a* and *c* if *a* and *b* are parallel and *b* and *c* are parallel.)

Three straight lines a, b, c that do not lie in the same plane are parallel to a and c if a and b are parallel and b and c are parallel.
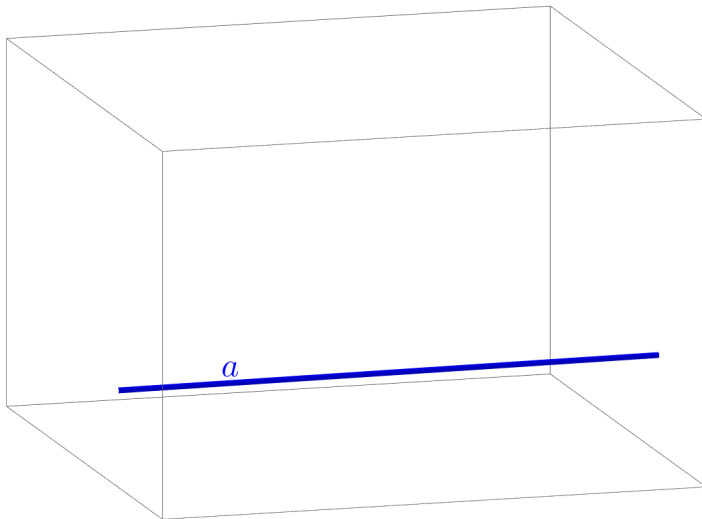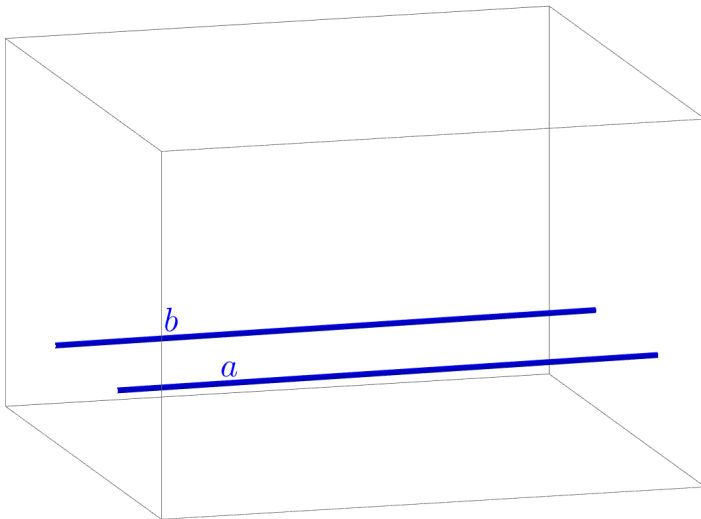
Three straight lines *a*, *b*, *c* that do not lie in the same plane are parallel to *a* and *c* if *a* and *b* are parallel and *b* and *c* are parallel.

a

Three straight lines a, b, c that do not lie in the same plane are parallel to a and c if a and b are parallel and b and c are parallel.
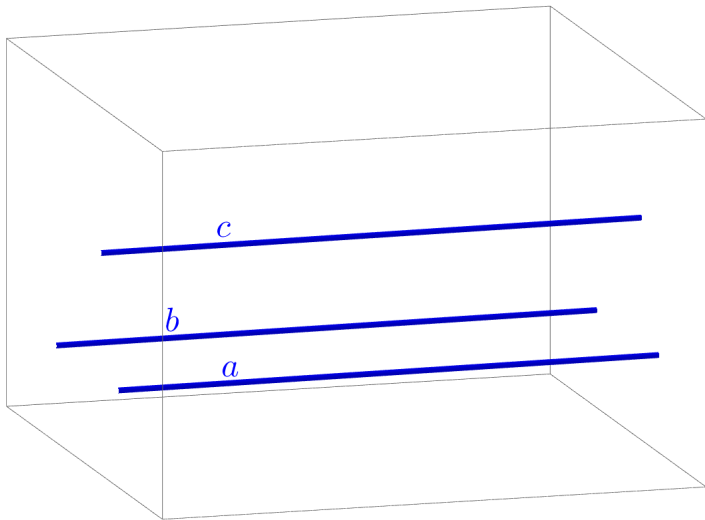
Three straight lines a, b, c that do not lie in the same plane are parallel to a and c if a and b are parallel and b and c are parallel.
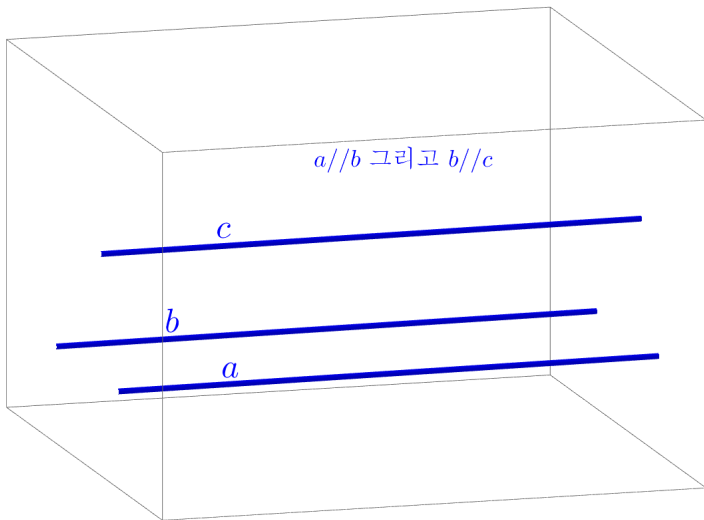
Three straight lines a, b, c that do not lie in the same plane are parallel to a and c if a and b are parallel and b and c are parallel.
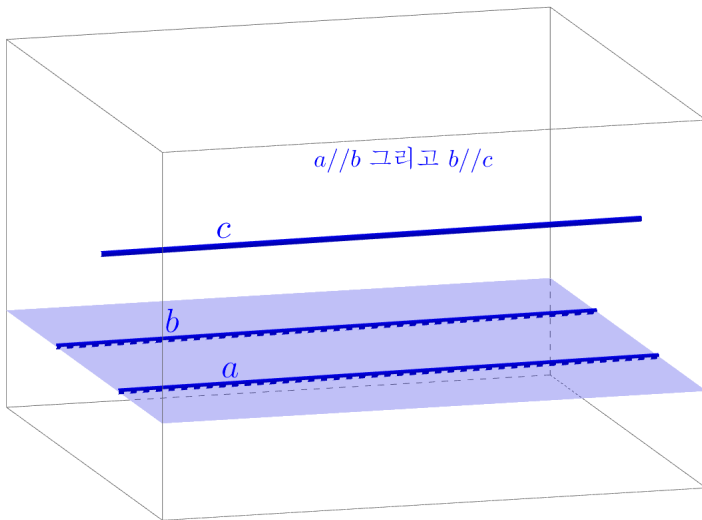
$a//b$ 그리고 $b//c$

c

b

a

Three straight lines a, b, c that do not lie in the same plane are parallel to a and c if a and b are parallel and b and c are parallel.
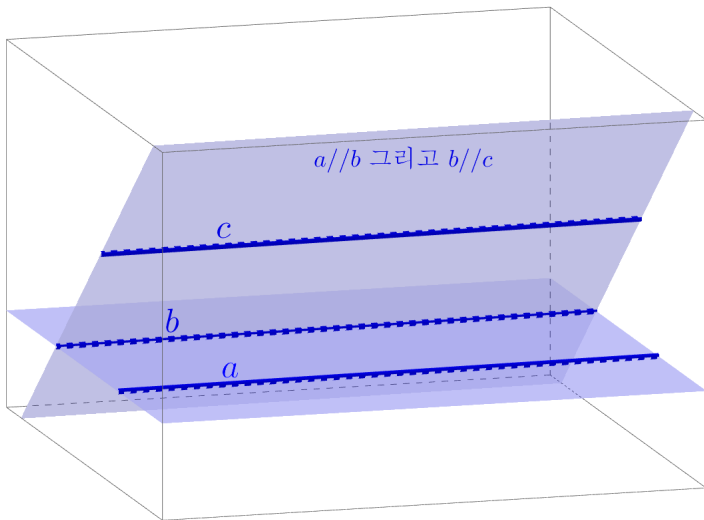
$a//b$ 그리고 $b//c$

c

b

a

Three straight lines *a*, *b*, *c* that do not lie in the same plane are parallel to *a* and *c* if *a* and *b* are parallel and *b* and *c* are parallel.

$a//b$ 그리고 $b//c$

c

b

a

Three straight lines *a*, *b*, *c* that do not lie in the same plane are parallel to *a* and *c* if *a* and *b* are parallel and *b* and *c* are parallel.
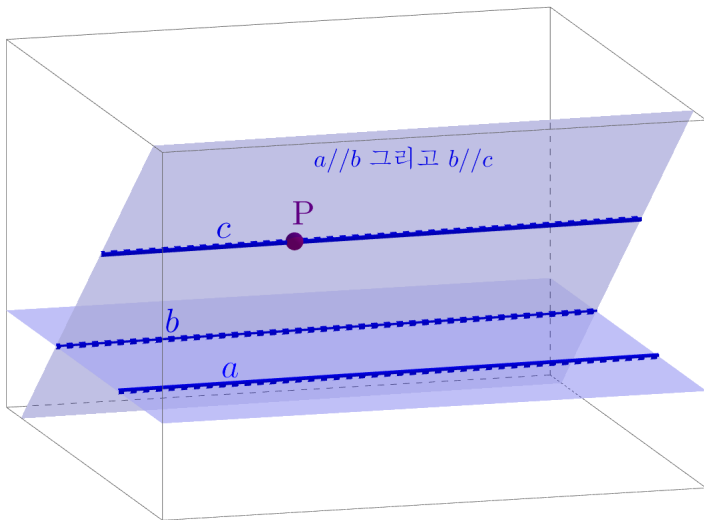
$a//b$ 그리고 $b//c$

P

c

b

a

Three straight lines a, b, c that do not lie in the same plane are parallel to a and c if a and b are parallel and b and c are parallel.
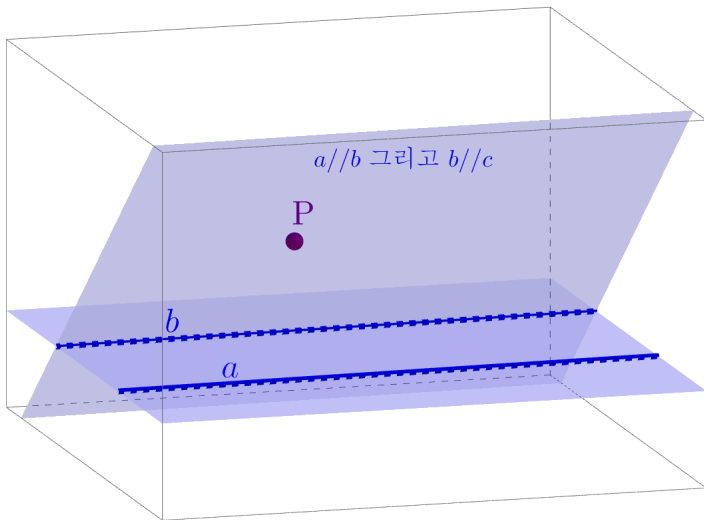
$a//b$ 그리고 $b//c$

P

b

a

Three straight lines *a*, *b*, *c* that do not lie in the same plane are parallel to *a* and *c* if *a* and *b* are parallel and *b* and *c* are parallel.
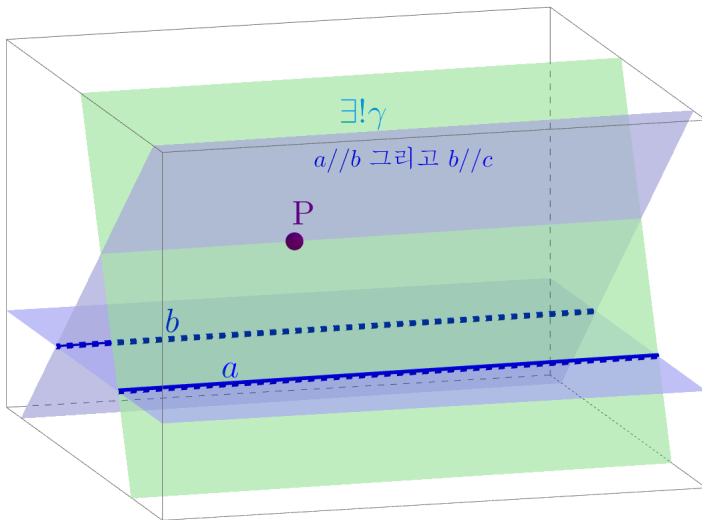
∃!γ

a//*b* 그리고 *b*//*c*

P

b

a

Three straight lines *a*, *b*, *c* that do not lie in the same plane are parallel to *a* and *c* if *a* and *b* are parallel and *b* and *c* are parallel.

∃!γ

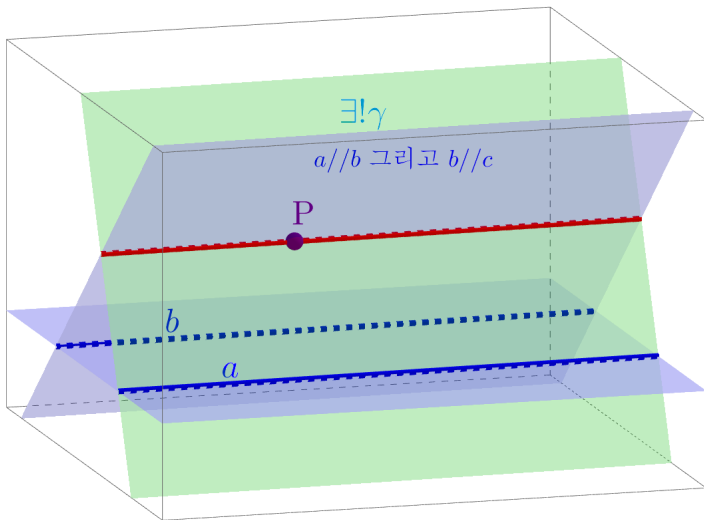*a*//*b* 그리고 *b*//*c*

P

b

a

Three straight lines *a*, *b*, *c* that do not lie in the same plane are parallel to *a* and *c* if *a* and *b* are parallel and *b* and *c* are parallel.

∃!γ

a//b 그리고 *b//c*
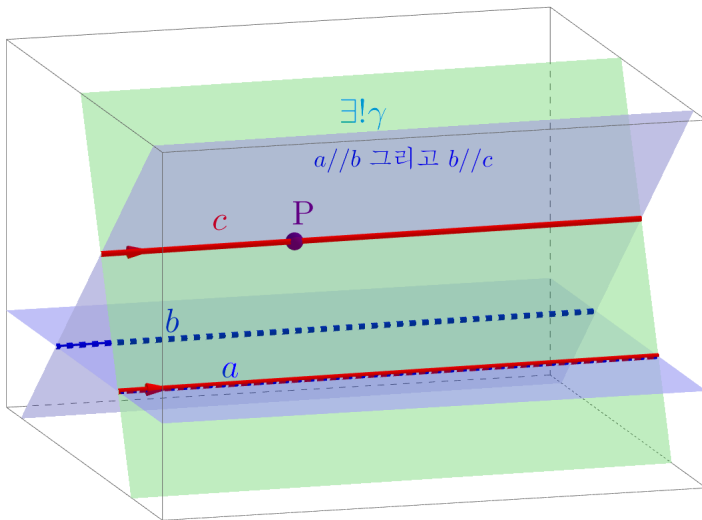
c   P

b

a

Three straight lines a, b, c that do not lie in the same plane are parallel to a and c if a and b are parallel and b and c are parallel.

Github:
https://min7014.github.io/math20221214003.html

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and you can see a picture moving.