



LOCI of a POINT (slider through a ring)

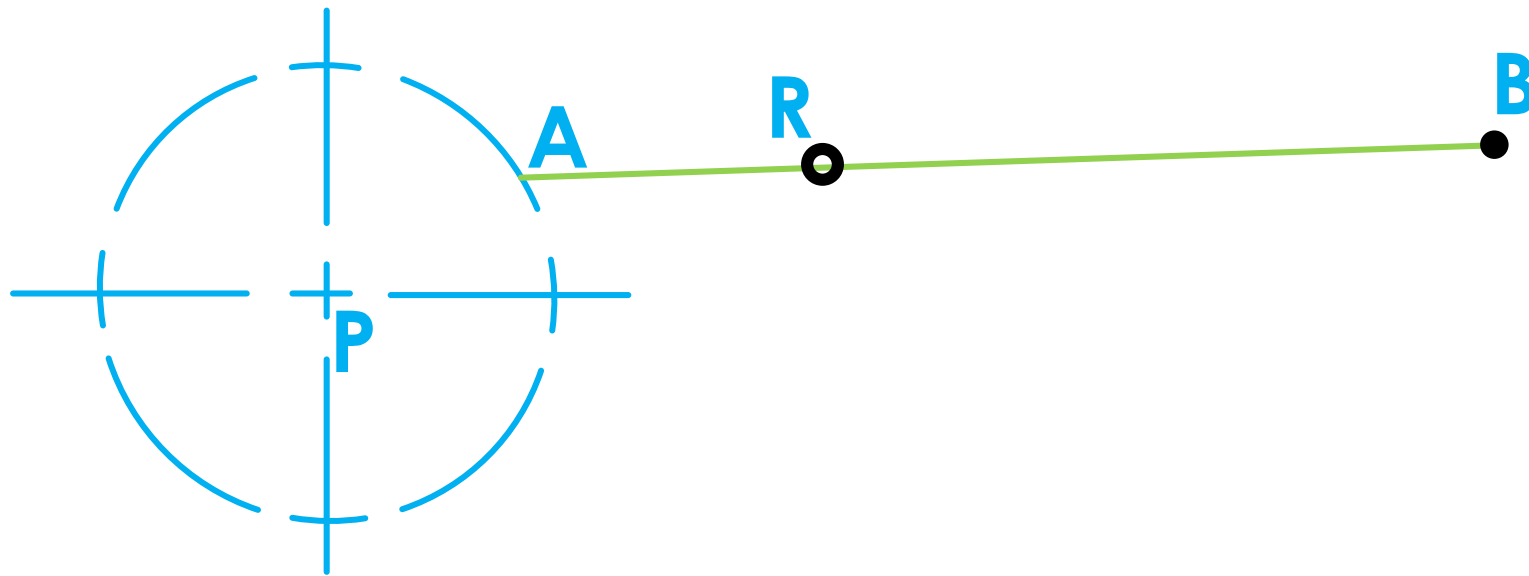
Grade 12

Developed by: PC Viljoen
Senior Educational Specialist for
Engineering Graphics and Design
Free State Province

Loci of a POINT

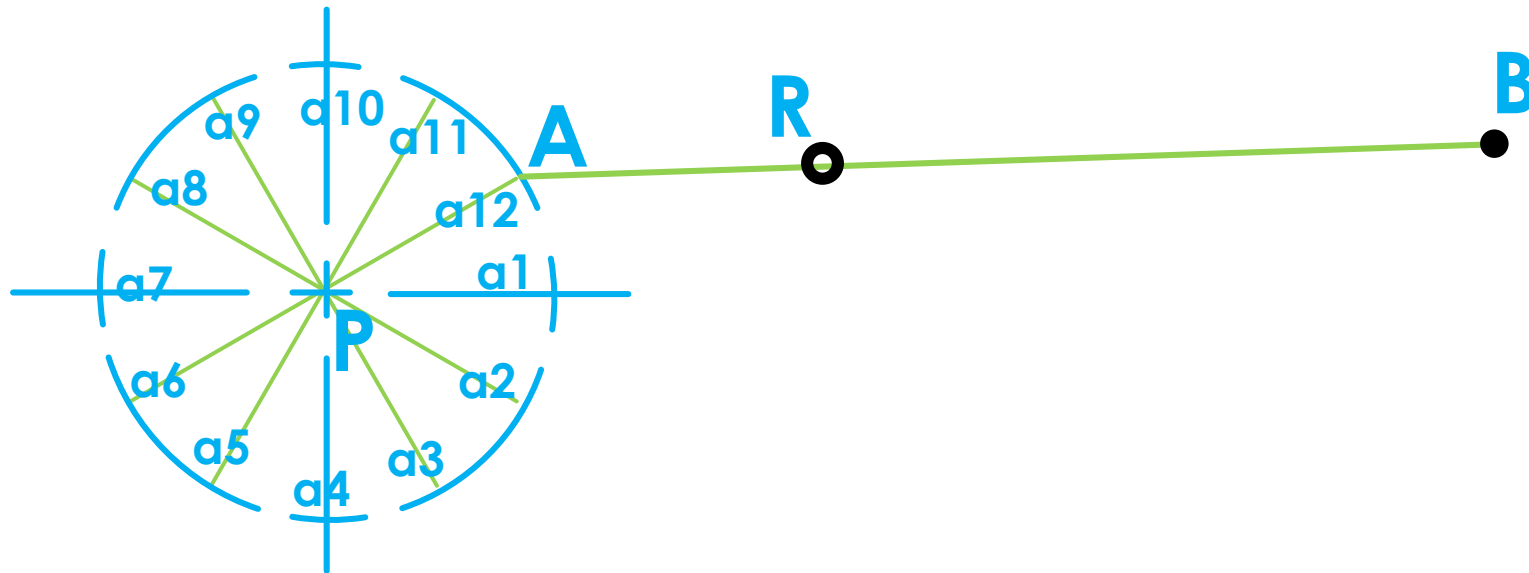
- ▶ With a loci of a point one should always:
 - ▶ work with the true length of a line
 - ▶ work systematically
 - ▶ In the case of a circle, divide the circle into 12 equal parts

Loci of a POINT



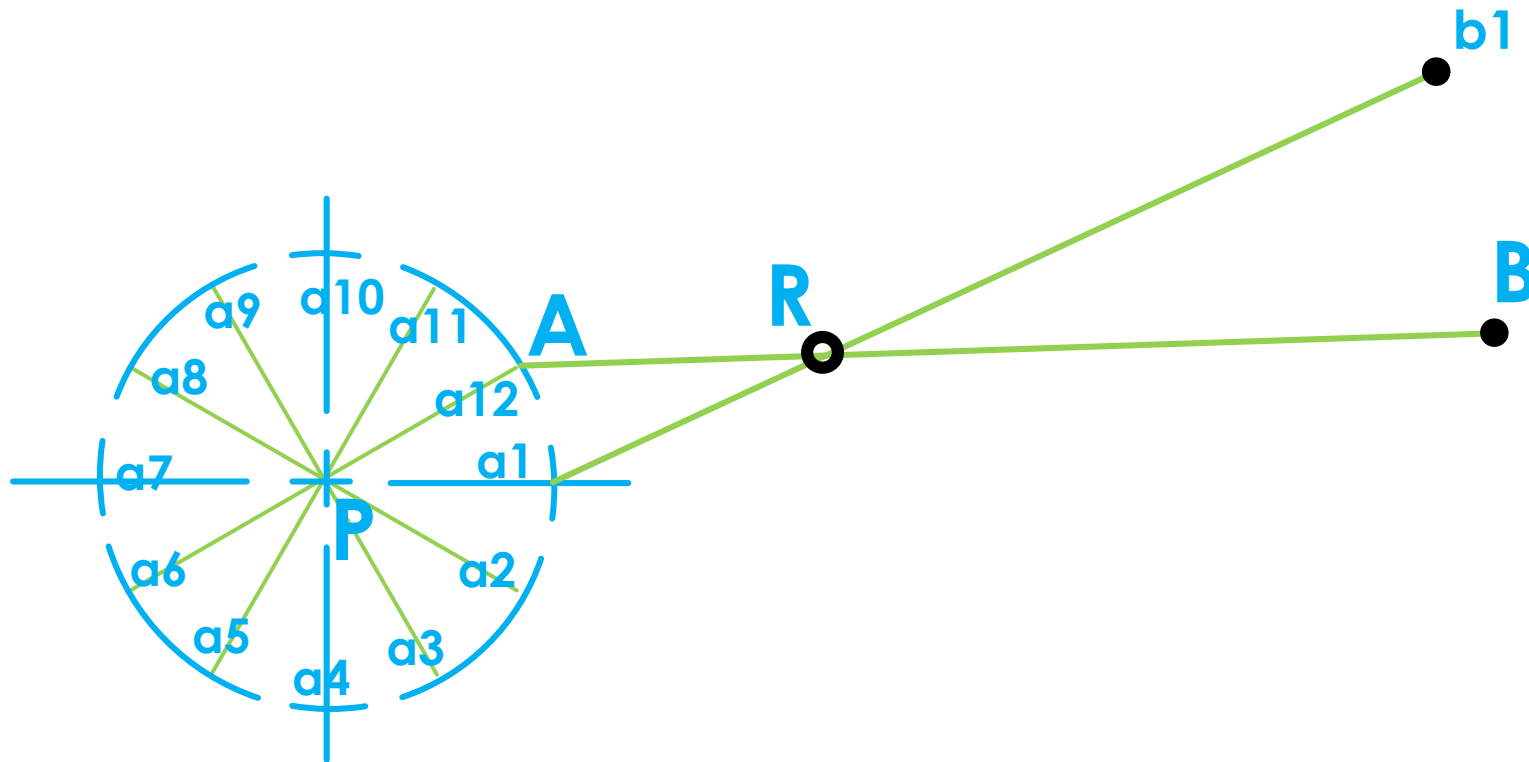
Determine the **loci** of **B** if **P** is rotating and causing motion to **AB** while **sliding** through **R**

Loci of a POINT



Determine the **loci** of **B** if P is rotating and causing motion to AB while **sliding** through R

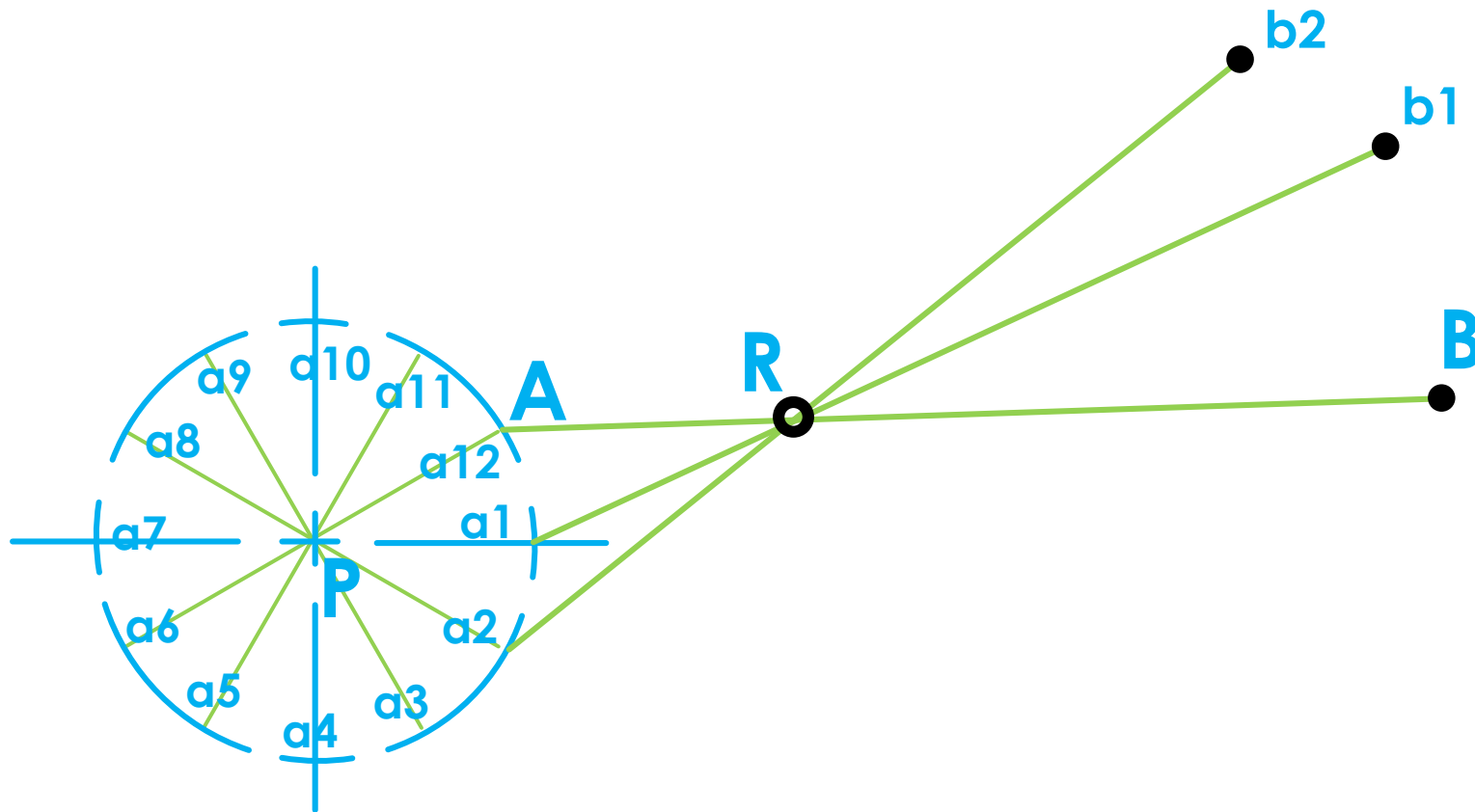
Loci of a POINT



Determine the **loci** of **B** if P is rotating and causing motion to AB while **sliding** through R

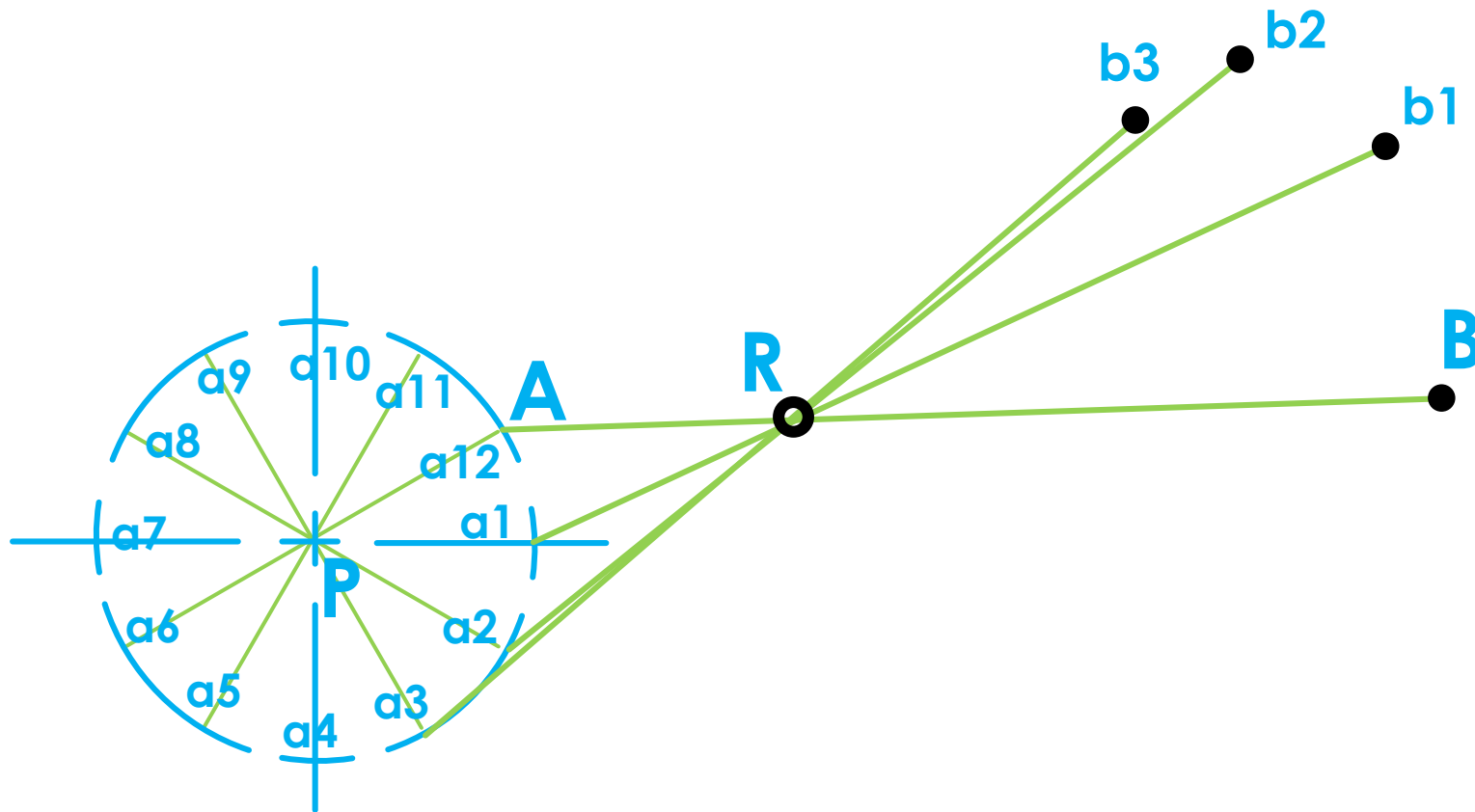


Loci of a POINT



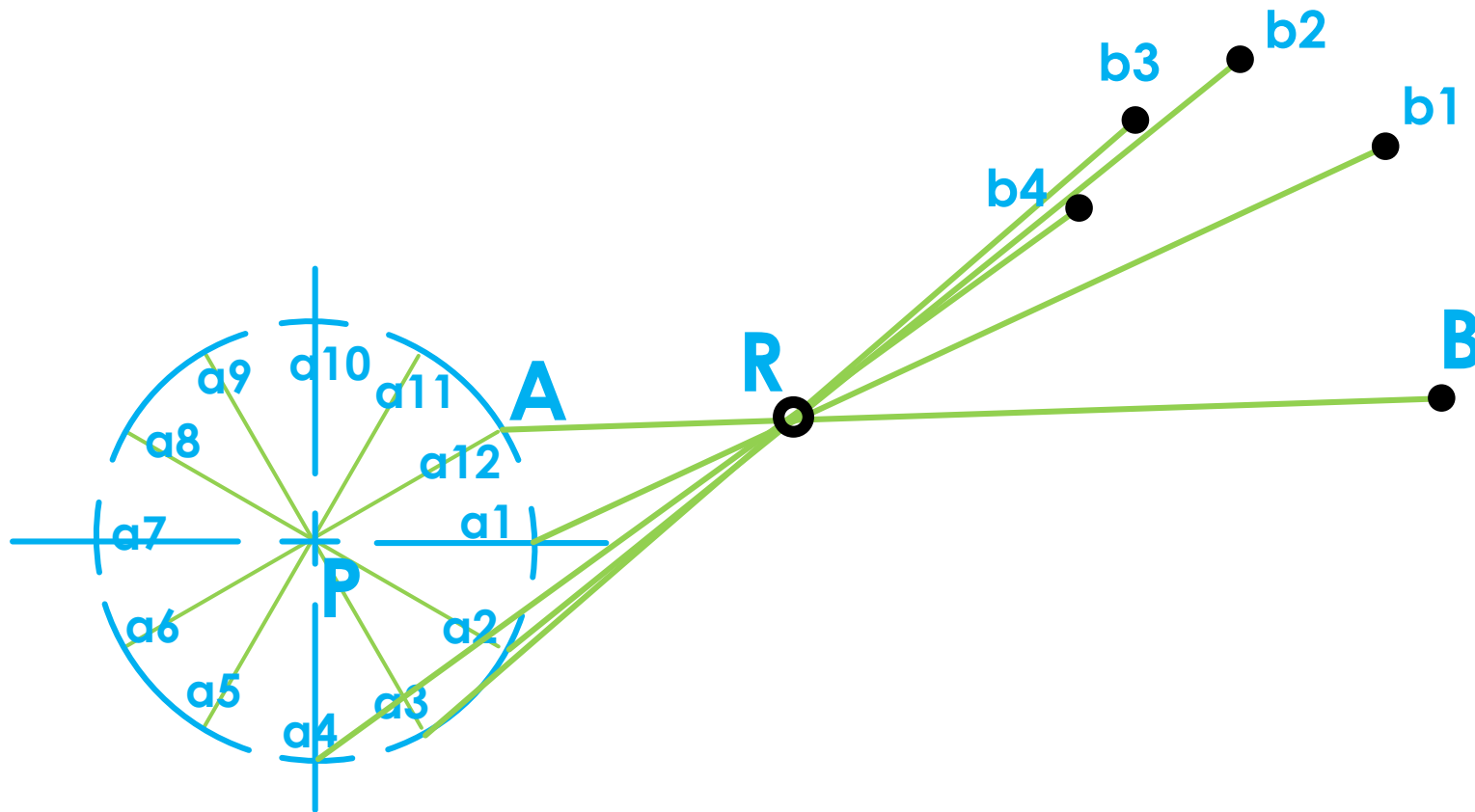
Determine the **loci** of **B** if P is rotating and causing motion to AB while **sliding** through R

Loci of a POINT



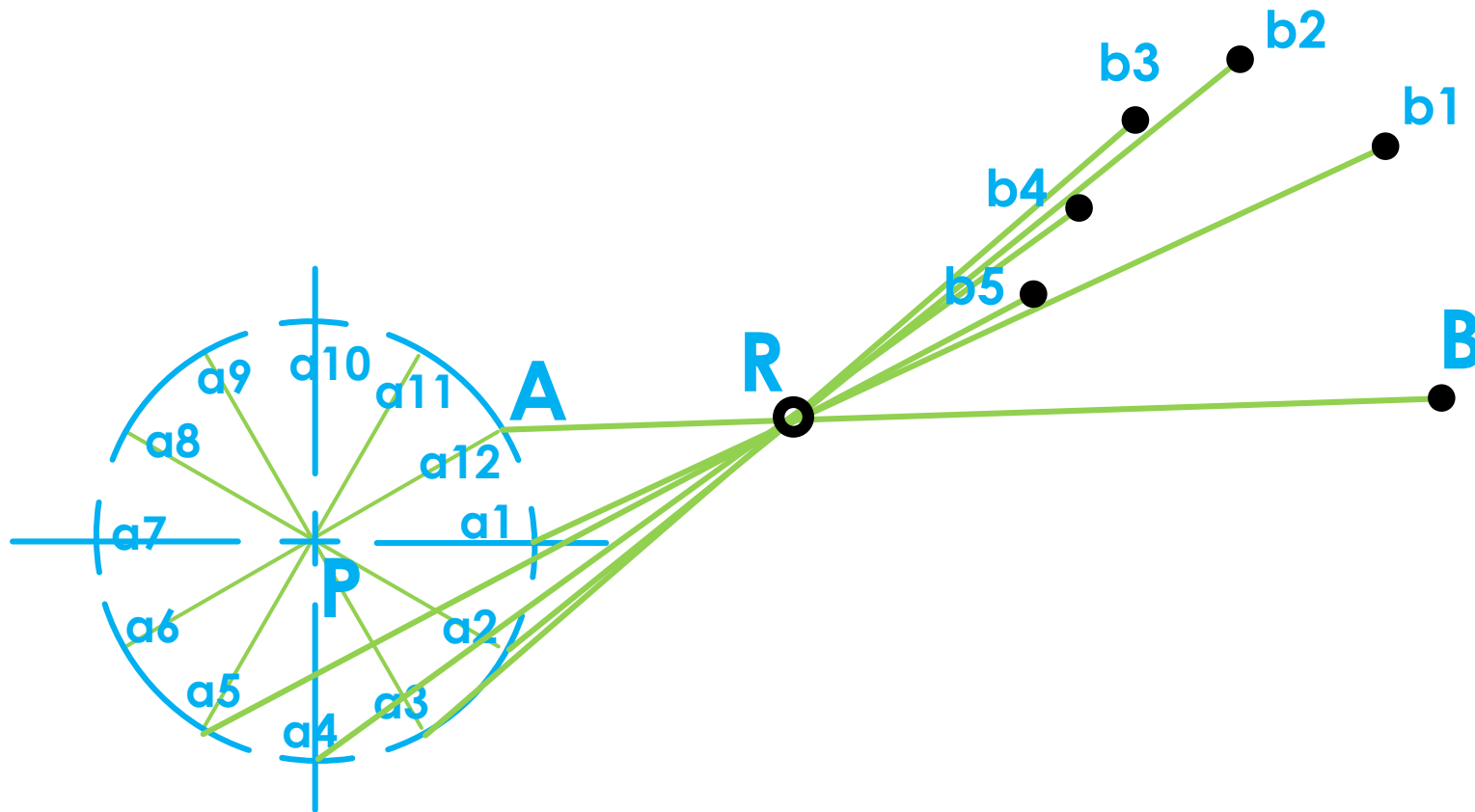
Determine the **loci** of **B** if P is rotating and causing motion to AB while **sliding** through R

Loci of a POINT



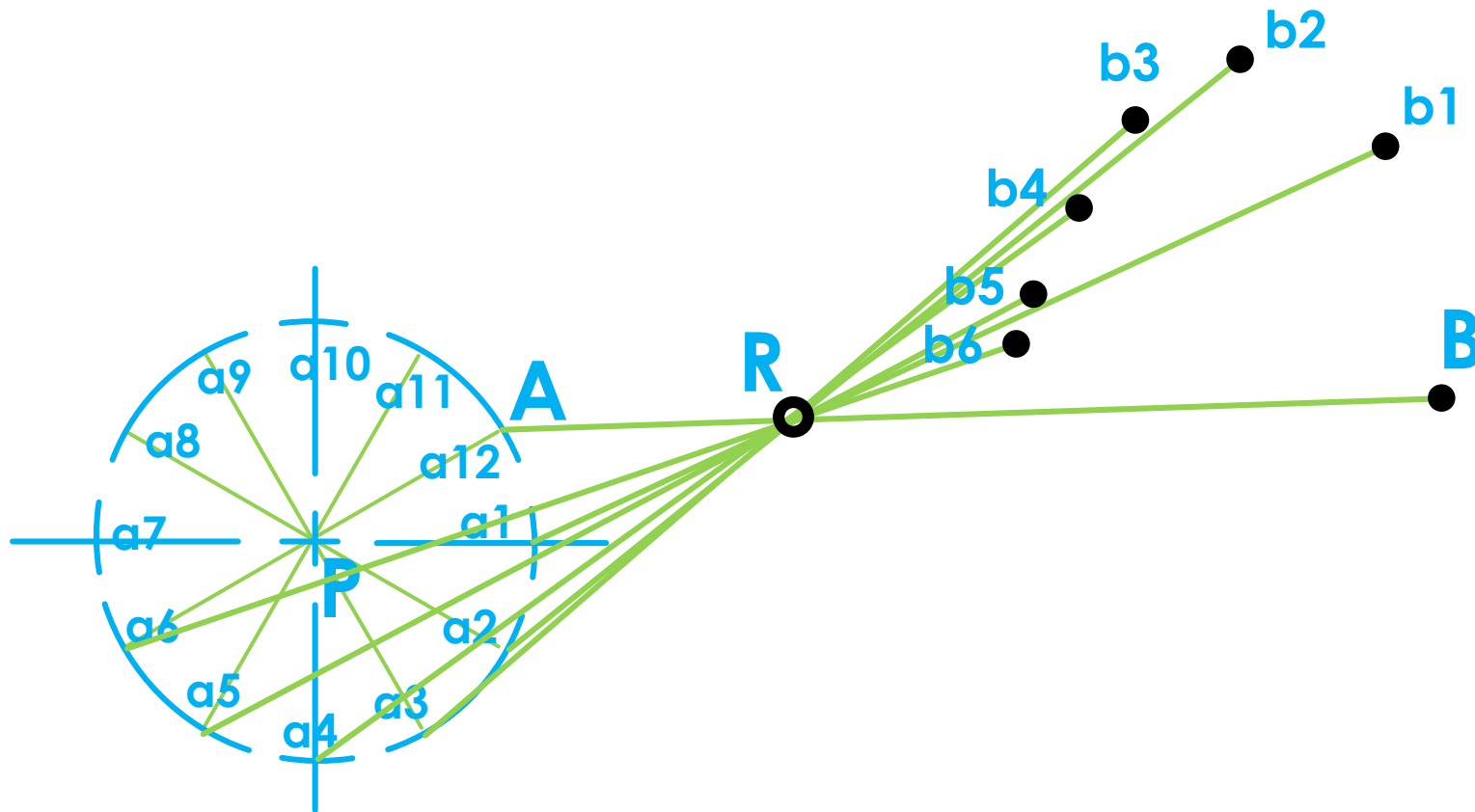
Determine the **loci** of **B** if P is rotating and causing motion to AB while **sliding** through R

Loci of a POINT



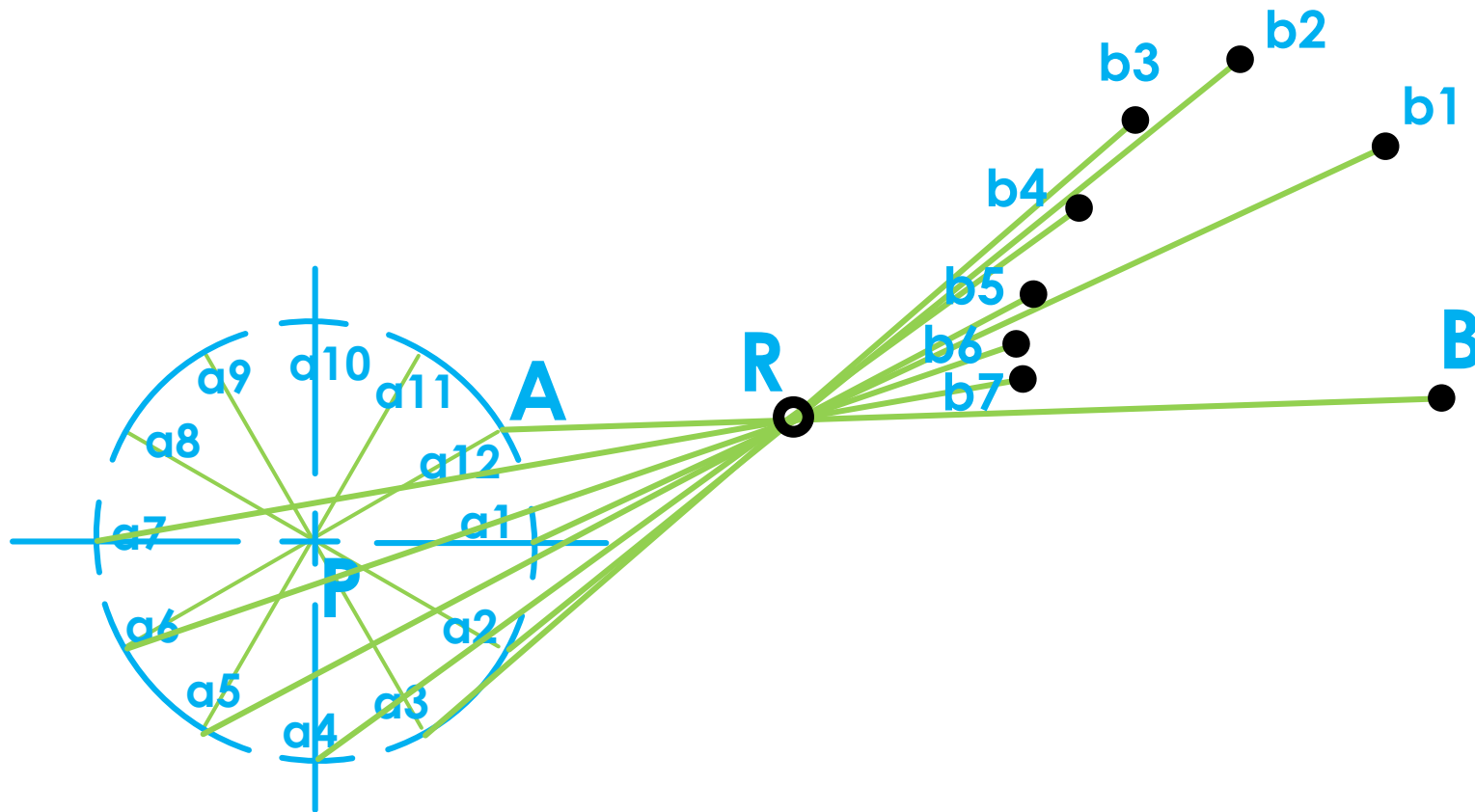
Determine the **loci** of **B** if P is rotating and causing motion to AB while **sliding** through R

Loci of a POINT



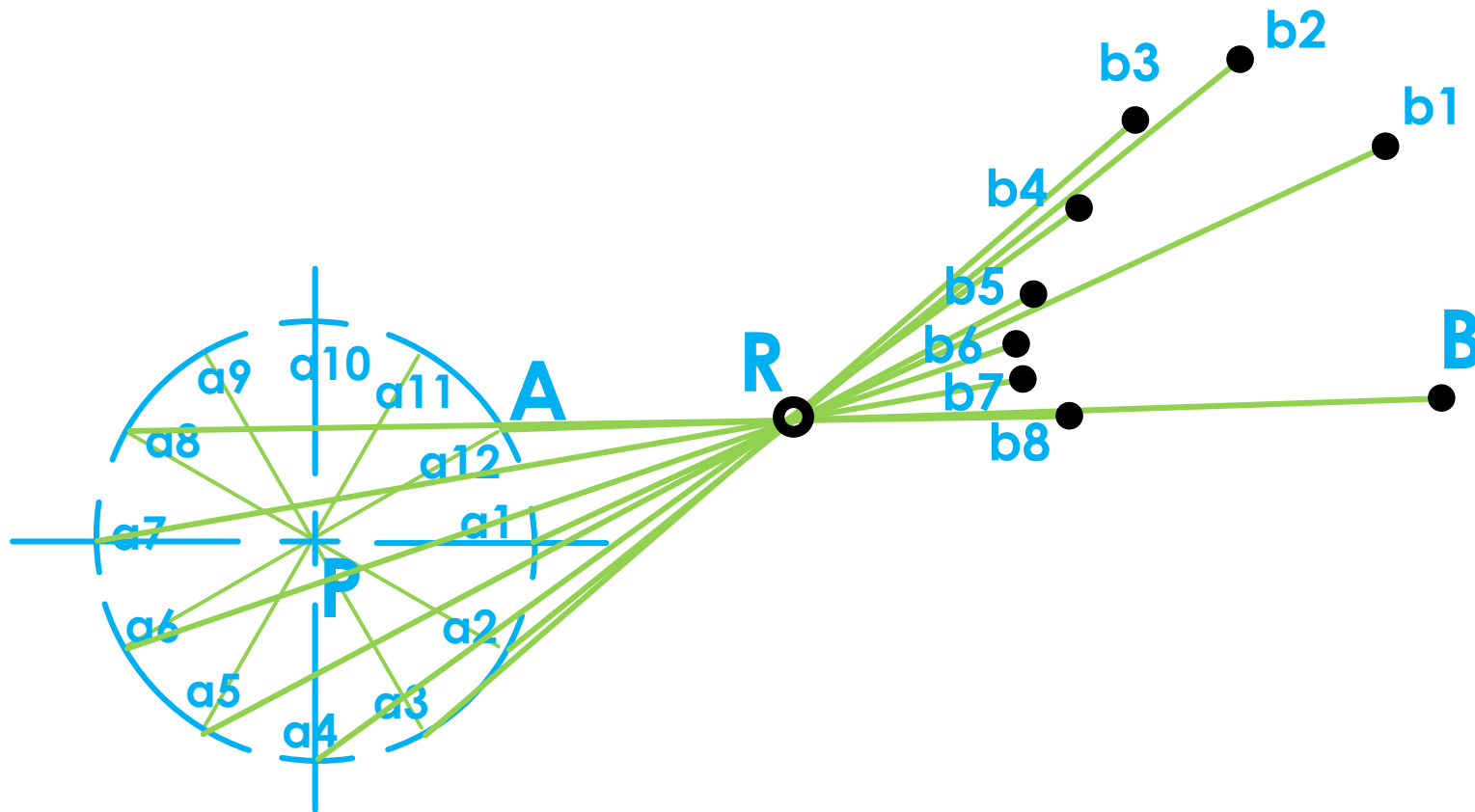
Determine the **loci** of **B** if P is rotating and causing motion to AB while **sliding** through R

Loci of a POINT



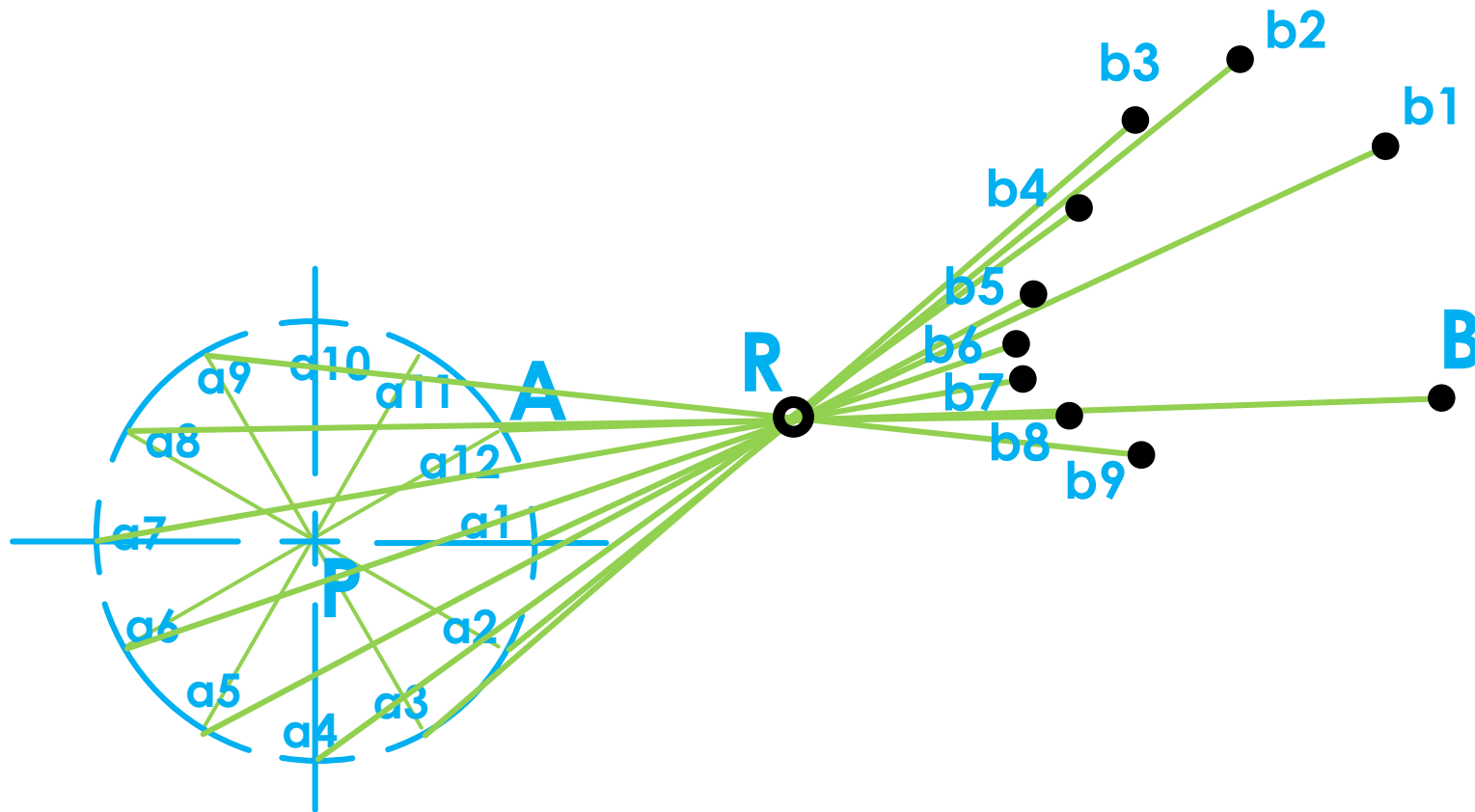
Determine the **loci** of **B** if P is rotating and causing motion to AB while **sliding** through R

Loci of a POINT



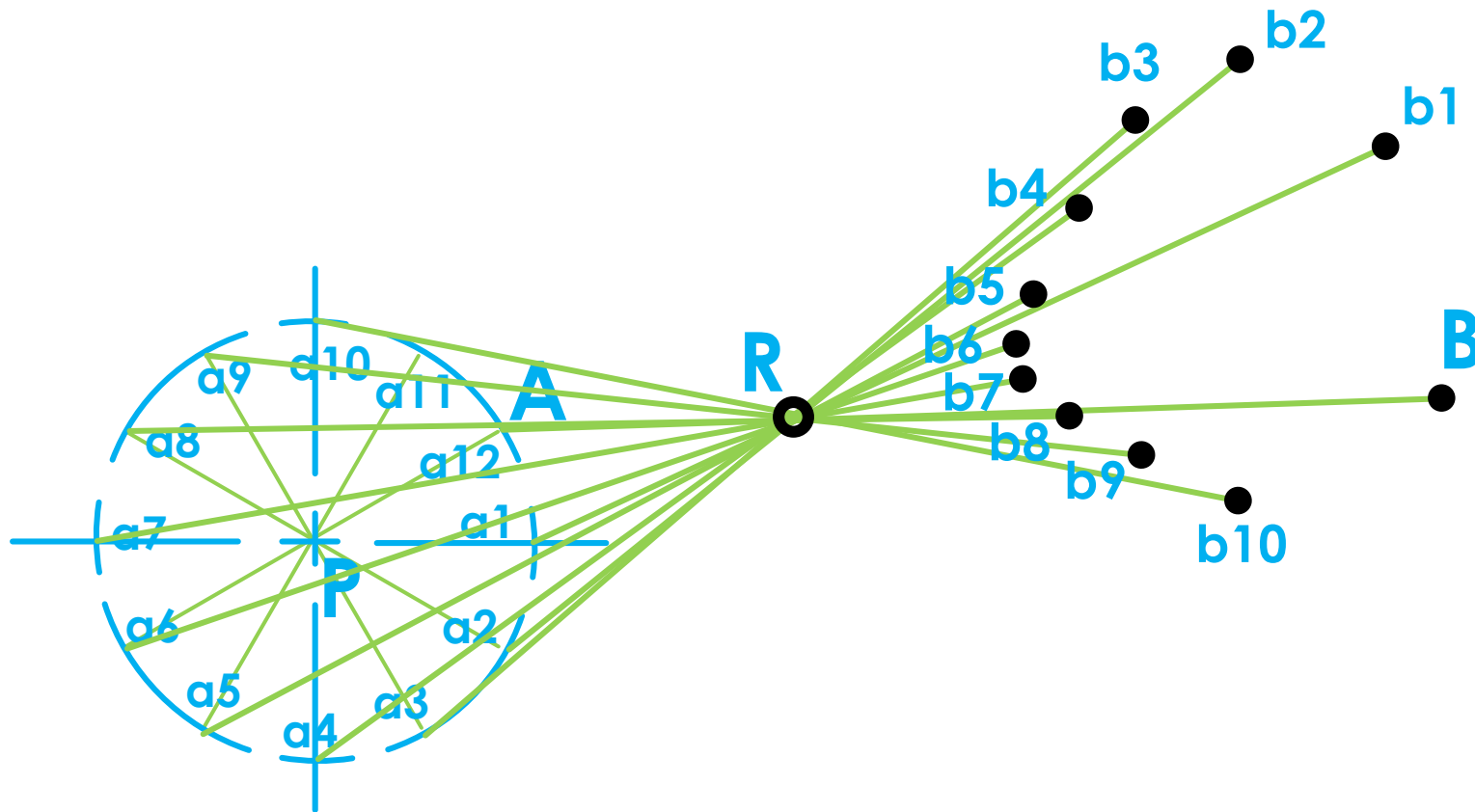
Determine the **loci** of **B** if P is rotating and causing motion to AB while **sliding** through R

Loci of a POINT



Determine the **loci** of **B** if P is rotating and causing motion to AB while **sliding** through R

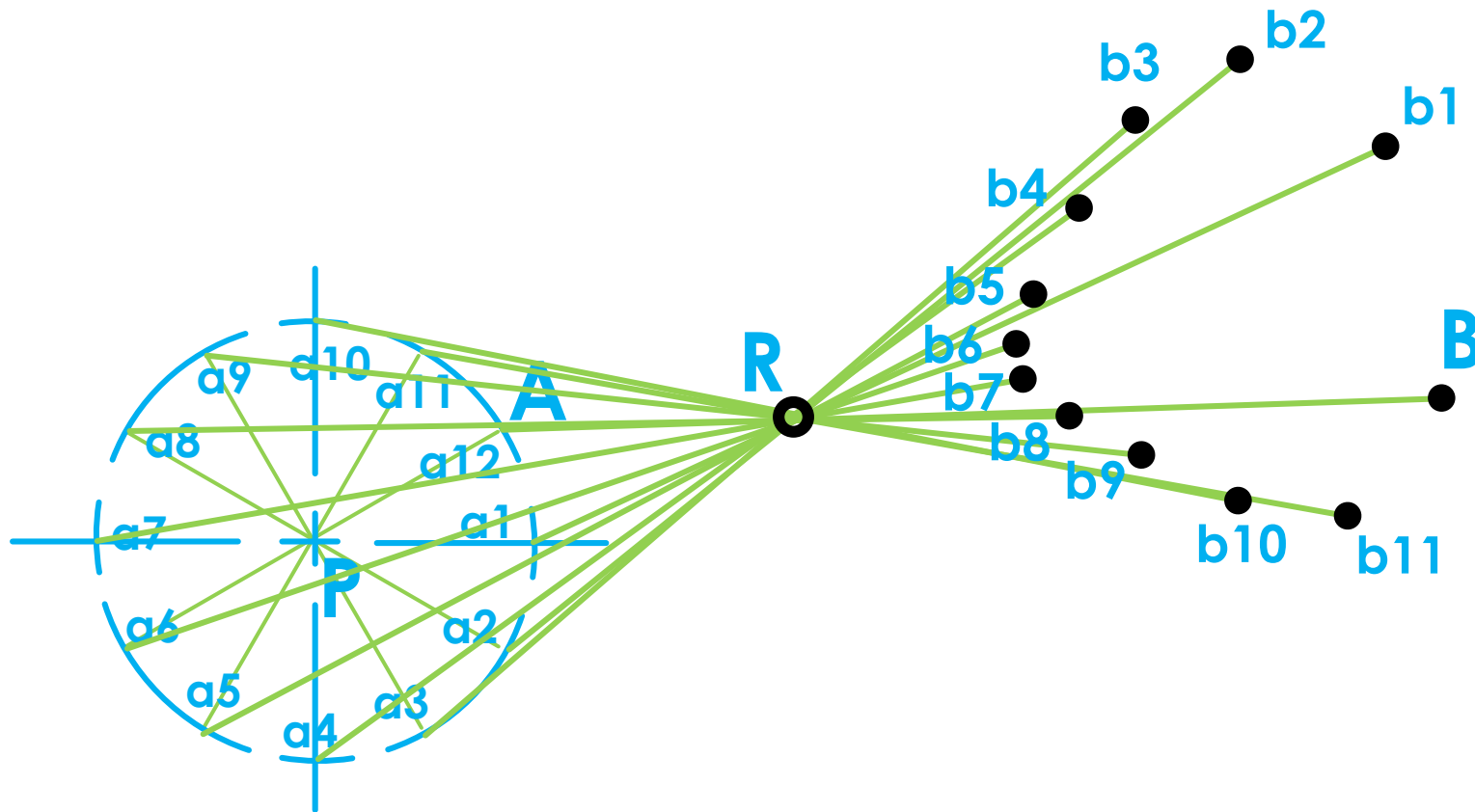
Loci of a POINT



Determine the **loci** of **B** if P is rotating and causing motion to AB while **sliding** through R



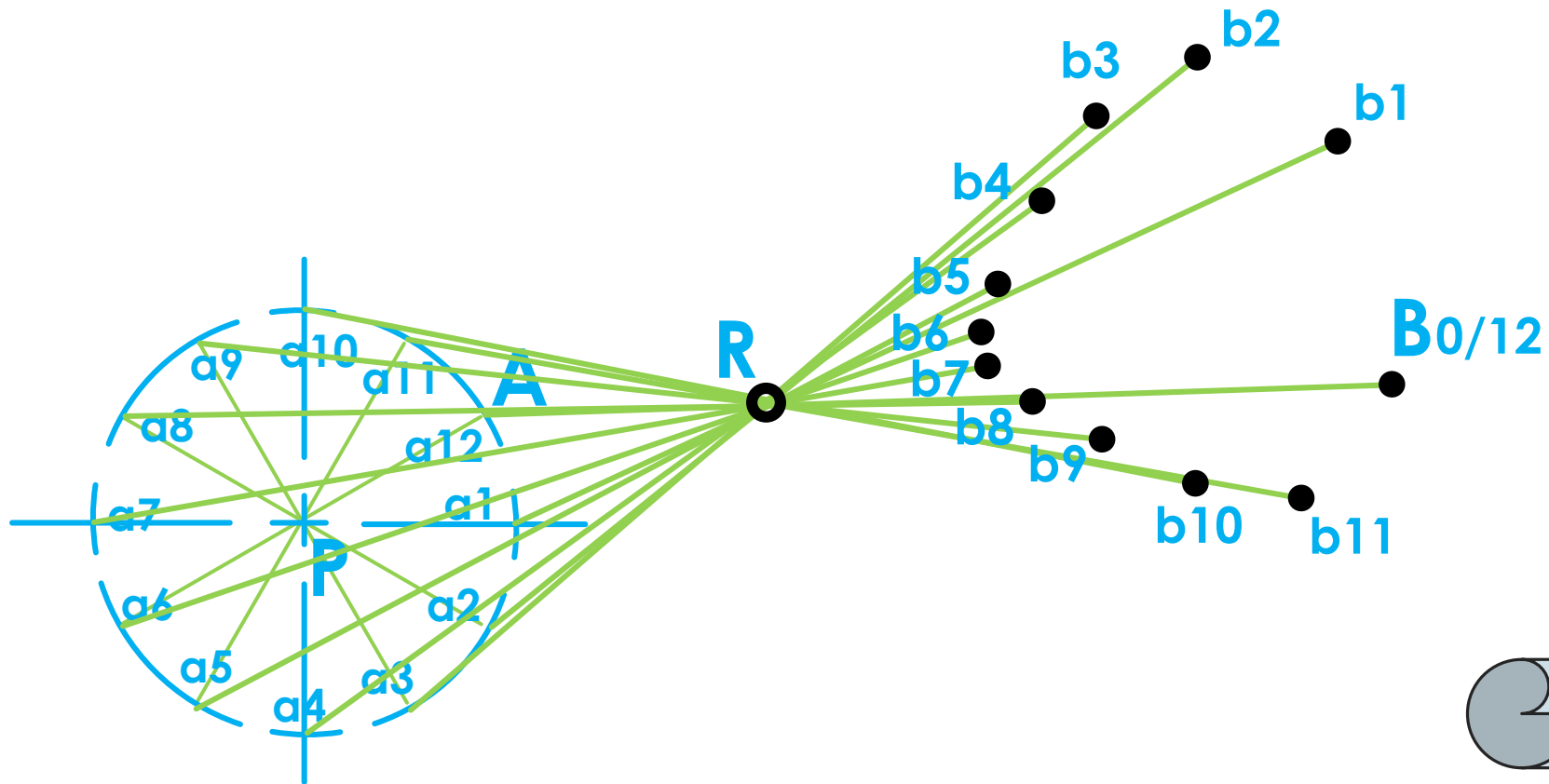
Loci of a POINT



Determine the **loci** of **B** if P is rotating and causing motion to AB while **sliding** through R

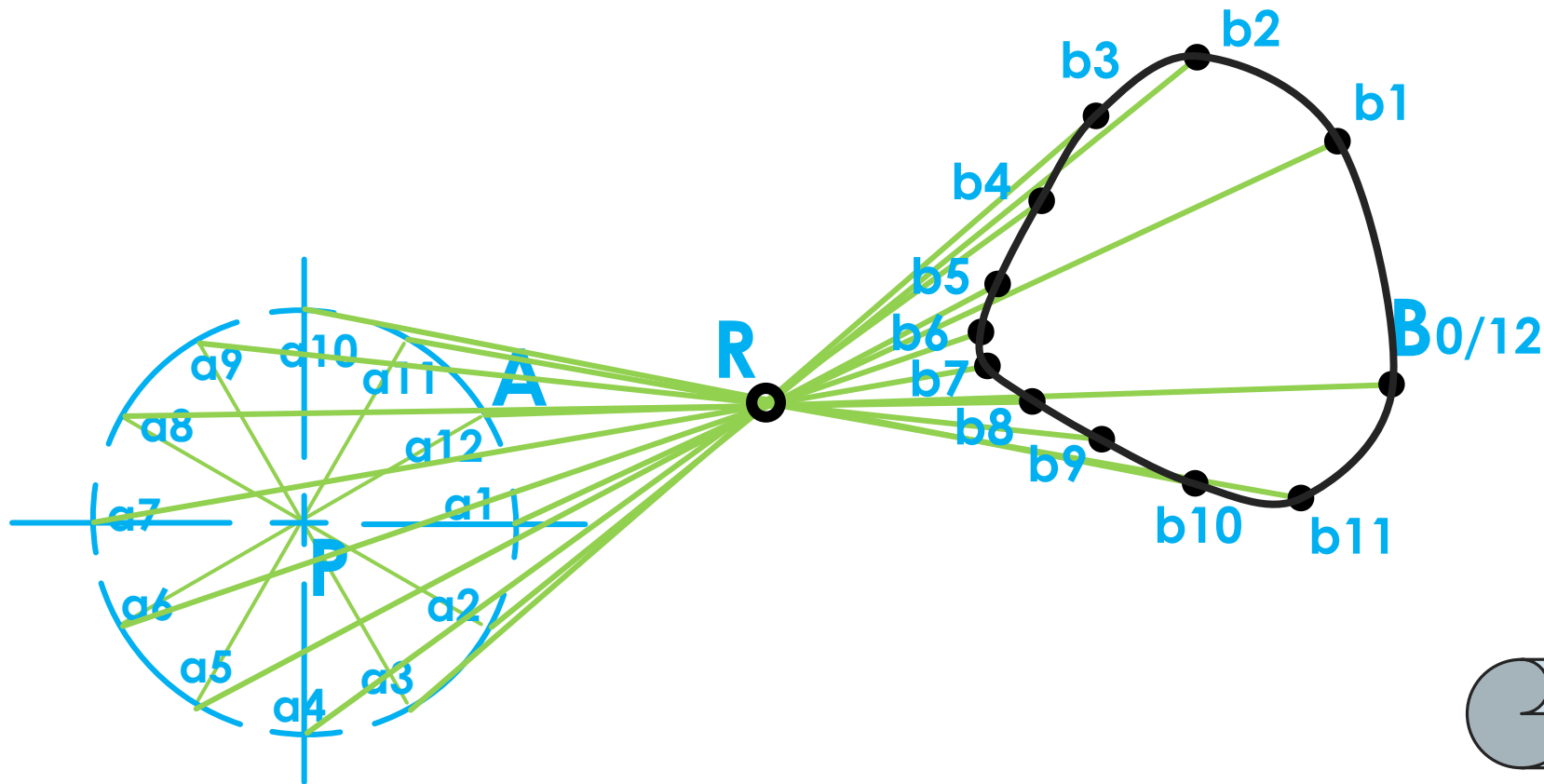


Loci of a POINT



Determine the **loci** of **B** if P is rotating and causing motion to AB while **sliding** through R

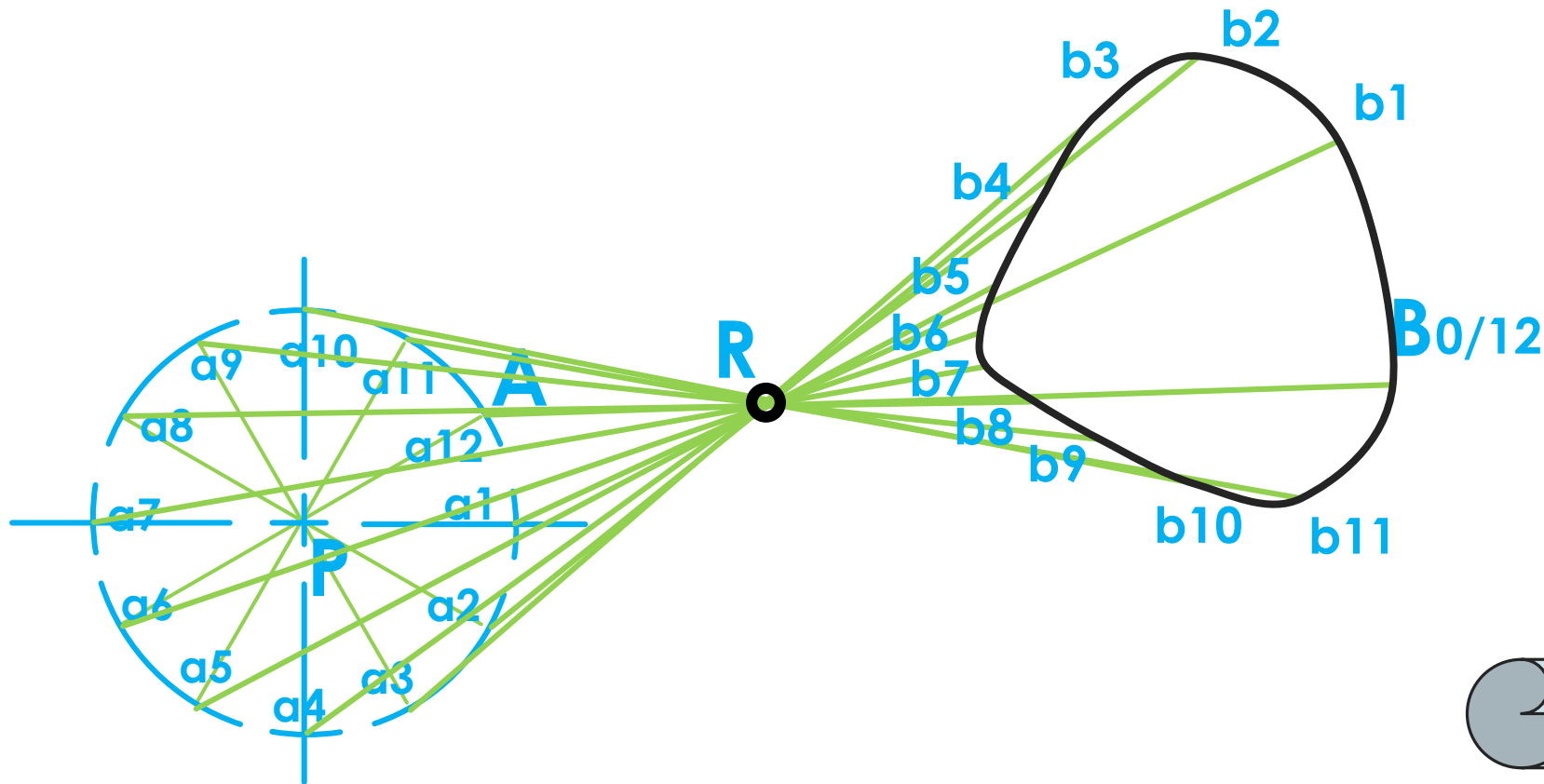
Loci of a POINT



Determine the **loci** of **B** if P is rotating and causing motion to AB while **sliding** through R



Loci of a POINT



Determine the **loci** of **B** if P is rotating and causing motion to AB while **sliding** through R