## Transformation of Product into Sum or Difference

- 2sinA.cosB = sin(A+B) + sin(A-B)
- 2cosA.sinB = sin(A+B) sin(A-B)
- $2\cos A.\cos B = \cos(A+B) + \cos(A-B)$
- 2sinA.sinB = cos(A-B) cos(A+B)