

$$b_{00} = a_{00}$$

$$b_{01} = a_{00} + a_{01}$$

$$b_{10} = a_{00} + a_{10}$$

$$b_{11} = a_{01} + a_{11} \\ a_{00} + a_{10}$$

$$b_{02} = a_{02}$$

$$b_{03} = a_{02} + a_{03}$$

$$b_{12} = a_{02} + a_{12}$$

$$b_{13} = a_{03} + a_{13} \\ a_{02} + a_{12}$$

$$b_{20} = a_{20}$$

$$b_{21} = a_{20} + a_{21}$$

$$b_{30} = a_{20} + a_{30}$$

$$b_{31} = a_{21} + a_{31} \\ a_{20} + a_{30}$$

$$b_{22} = a_{22}$$

$$b_{23} = a_{22} + a_{23}$$

$$b_{32} = a_{22} + a_{32}$$

$$b_{33} = a_{23} + a_{33} \\ a_{22} + a_{32}$$