



$$b(1234) = \frac{[[1,2],3],4}{s_{12}s_{123}s_{1234}} + \frac{[1,[2,3]],4}{s_{23}s_{123}s_{1234}} + \frac{[[1,2],[3,4]]}{s_{12}s_{34}s_{1234}} + \frac{1,[2,[3,4]]}{s_{34}s_{234}s_{1234}} + \frac{1,[[2,3],4]}{s_{23}s_{234}s_{1234}}$$