2023-06-03 Now for a plane * point

(plane.e0 + plane.e1 + plane.e2 + plane.e3)
×(point.e032 + point.e013 + point.e021 + point.e123)

= (plane.e0)(point.e123) e0123
+(plane.e1)(point.e032) e0123 +(plane.e1)(point.e013)(-e03)
+(plane.e1)(point.e021) e02 +(plane.e1)(point.e123) e23
+(plane.e2)(point.e032) e03 +(plane.e2)(point.e013) e0123
+(plane.e2)(point.e021)(-e01) +(plane.e2)(point.e123) e31
+(plane.e3)(point.e032)(-e02) +(plane.e3)(point.e013) e01
+(plane.e3)(point.e021) e0123 +(plane.e3)(point.e123) e12

Group em up:

(1) 0
(e23) (plane.e1)(point.e123)
(e31) (plane.e2)(point.e123)
(e12) (plane.e3)(point.e123)
(e01) (plane.e3)(point.e013) - (plane.e2)(point.e021)
(e02) (plane.e1)(point.e021) - (plane.e3)(point.e032)
(e03) (plane.e2)(point.e032) - (plane.e1)(point.e013)
(e0123) (plane.e0)(point.e123) + (plane.e1)(point.e032)
+(plane.e2)(point.e013) + (plane.e3)(point.e021)