

Page 600 Example 40

Calculation with dot product (*links not required*)

| TI-84 Plus | Casio fx-9860GII |
|---|--|
| <pre> {3,1,-1}→L1 {3 1 -1} {2,1,2}→L2 {2 1 2} cos⁻¹((sum(L1*L2) √(3²+1²+(-1)²)√(2²+1²+2²) 1.044286517 </pre> | <pre> {3,1,-1} {2,1,2}→List 2 {2,1,2} cos⁻¹ ((sum(List 1*List 2) √(3²+1²+(-1)²)√(2²+1²+2²) 1.044286517 List L→M Dim Fill Seq </pre> |