

$[S^7T + S^2T^6 + S^3T^5 + S^5T^3 + S^6T^2 + S^7T, T^8 + S^3T^5 + S^5T^3, S^7T + S^3T^5 + S^4T^4 + S^5T^3 + S^7T + S^8, S^7T + S^2T^6 + S^3T^5 + S^6T^2 + S^8, T^8 + S^3T^5 + S^7T + S^8, S^4T^4 + S^5T^3 + S^6T^2 + S^8]$   
[4, 4, 0, 0, 0]