H00 =20\*t^7 - 70\*t^6 + 84\*t^5 - 35\*t^4 + 1

H10 =- 20\*t^7 + 70\*t^6 - 84\*t^5 + 35\*t^4

H01 =10\*t^7 - 36\*t^6 + 45\*t^5 - 20\*t^4 + t

H11 =10\*t^7 - 34\*t^6 + 39\*t^5 - 15\*t^4

H02 =2\*t^7 - (15\*t^6)/2 + 10\*t^5 - 5\*t^4 + t^2/2

H12 =- 2\*t^7 + (13\*t^6)/2 - 7\*t^5 + (5\*t^4)/2

H03 =t^7/6 - (2\*t^6)/3 + t^5 - (2\*t^4)/3 + t^3/6

H13 =t^7/6 - t^6/2 + t^5/2 - t^4/6

dH00/dt =140\*t^6 - 420\*t^5 + 420\*t^4 - 140\*t^3

dH10/dt =- 140\*t^6 + 420\*t^5 - 420\*t^4 + 140\*t^3

dH01/dt =70\*t^6 - 216\*t^5 + 225\*t^4 - 80\*t^3 + 1

dH11/dt =70\*t^6 - 204\*t^5 + 195\*t^4 - 60\*t^3

dH02/dt =14\*t^6 - 45\*t^5 + 50\*t^4 - 20\*t^3 + t

dH12/dt =- 14\*t^6 + 39\*t^5 - 35\*t^4 + 10\*t^3

dH03/dt =(7\*t^6)/6 - 4\*t^5 + 5\*t^4 - (8\*t^3)/3 + t^2/2

dH13/dt =(7\*t^6)/6 - 3\*t^5 + (5\*t^4)/2 - (2\*t^3)/3

d2H00/dt2 =840\*t^5 - 2100\*t^4 + 1680\*t^3 - 420\*t^2

d2H10/dt2 =- 840\*t^5 + 2100\*t^4 - 1680\*t^3 + 420\*t^2

d2H01/dt2 =420\*t^5 - 1080\*t^4 + 900\*t^3 - 240\*t^2

d2H11/dt2 =420\*t^5 - 1020\*t^4 + 780\*t^3 - 180\*t^2

d2H02/dt2 =84\*t^5 - 225\*t^4 + 200\*t^3 - 60\*t^2 + 1

d2H12/dt2 =- 84\*t^5 + 195\*t^4 - 140\*t^3 + 30\*t^2

d2H03/dt2 =7\*t^5 - 20\*t^4 + 20\*t^3 - 8\*t^2 + t

d2H13/dt2 =7\*t^5 - 15\*t^4 + 10\*t^3 - 2\*t^2

d3H00/dt3 =4200\*t^4 - 8400\*t^3 + 5040\*t^2 - 840\*t

d3H10/dt3 =- 4200\*t^4 + 8400\*t^3 - 5040\*t^2 + 840\*t

d3H01/dt3 =2100\*t^4 - 4320\*t^3 + 2700\*t^2 - 480\*t

d3H11/dt3 =2100\*t^4 - 4080\*t^3 + 2340\*t^2 - 360\*t

d3H02/dt3 =420\*t^4 - 900\*t^3 + 600\*t^2 - 120\*t

d3H12/dt3 =- 420\*t^4 + 780\*t^3 - 420\*t^2 + 60\*t

d3H03/dt3 =35\*t^4 - 80\*t^3 + 60\*t^2 - 16\*t + 1

d3H13/dt3 =35\*t^4 - 60\*t^3 + 30\*t^2 - 4\*t