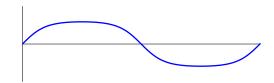
Automatic Differentiation with AD

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1 Function



 $\sin (\sin (\sin (\sin (\sin (\sin x)))))$

2 Derivatives

 $0 + 1 * (0 + 1 * (0 + 1 * (0 + 1 * (0 + 1 * (0 + 1 * (0 + 1 * 1 * \cos x) * \cos (\sin x))) * \cos (\sin (\sin x))) * \cos (\sin (\sin (\sin x)))) * \cos (\sin (\sin (\sin x))))$

0 + 1 * (0 + 1 * (0 + 1 * (0 + 1 * (0 + 1 * (0 + 1 * (0 + 1 * 1 * (0 + 1 * 1 * (0 + 1 * 1 * (0 + 1 * 1 * (0 +negate $(\sin x)$) * cos $(\sin x) + 1 * (0 + 1 * 1 * \cos x) * (0 + 1 * (0 + 1 * 1))$ * $\cos x$) * negate $(\sin (\sin x))$) * $\cos (\sin (\sin x)) + 1 * (0 + 1 * (0 + 1 * 1))$ * $\cos x$) * $\cos (\sin x)$) * $(0 + 1 * (0 + 1 * (0 + 1 * 1 * \cos x) * \cos (\sin x)) *$ negate $(\sin (\sin (\sin x))))$ * $\cos (\sin (\sin (\sin x))) + 1 * (0 + 1$ $+1*1*\cos x$) * cos (sin x)) * cos (sin (sin x))) * (0 + 1 * (0 + 1 * (0 + 1 * $(0 + 1 * 1 * \cos x) * \cos (\sin x)) * \cos (\sin (\sin x))) * negate (\sin (\sin (\sin x)))$ (x)(x)(x)(x)(x)(x) + (x + 1)(x + 1) $1 * \cos x) * \cos (\sin x)) * \cos (\sin (\sin x))) * \cos (\sin (\sin (\sin x)))) * (0 + 1 * \cos x)$ $(0+1*(0+1*(0+1*(0+1*1*\cos x)*\cos(\sin x))*\cos(\sin(\sin x)))$ * $\cos (\sin (\sin (\sin x)))$ * $\cos (\sin (\sin (\sin (\sin (\sin x)))))$ * $\cos (\sin (\sin x))$ $(\sin (\sin (\sin x)))) + 1 * (0 + 1 * (0 + 1 * (0 + 1 * (0 + 1 * (0 + 1 * 1 * \cos x))))))$ (x) * cos (sin x)) * cos (sin (sin x))) * cos (sin (sin (sin x)))) * cos (sin (sin (sin x))) * cos (sin x) * cos $(\sin x)))) * (0 + 1 * (0 + 1 * (0 + 1 * (0 + 1 * (0 + 1 * (0 + 1 * (0 + 1 * 1 * \cos x) * (0 + 1$ $\cos(\sin x)$ * $\cos(\sin(\sin x))$ * $\cos(\sin(\sin(\sin x)))$ * $\cos(\sin(\sin(x)))$ * $\cos(\sin(x))$ * $\cos(\sin(x))$ * $\cos(x)$ * $\cos($ x))))) * negate (sin (sin (sin (sin (sin (sin x))))))

Generated with the HATEX library.