

| k | $\text{si}\left(k \cdot \frac{\pi}{2}\right)$ | $\text{si}\left(k \cdot \frac{\pi}{3}\right)$ | $\text{si}\left(k \cdot \frac{\pi}{4}\right)$ | $\text{si}\left(k \cdot \frac{\pi}{5}\right)$ | $\text{si}\left(k \cdot \frac{\pi}{6}\right)$ | $\text{si}\left(k \cdot \frac{\pi}{7}\right)$ | $\text{si}\left(k \cdot \frac{\pi}{8}\right)$ |
|----|---|---|---|---|---|---|---|
| 0 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 1 | 0.6366 | 0.8270 | 0.9003 | 0.9355 | 0.9549 | 0.9668 | 0.9745 |
| 2 | 0.0000 | 0.4135 | 0.6366 | 0.7568 | 0.8270 | 0.8710 | 0.9003 |
| 3 | -0.2122 | 0.0000 | 0.3001 | 0.5046 | 0.6366 | 0.7241 | 0.7842 |
| 4 | 0.0000 | -0.2067 | 0.0000 | 0.2339 | 0.4135 | 0.5431 | 0.6366 |
| 5 | 0.1273 | -0.1654 | -0.1801 | 0.0000 | 0.1910 | 0.3484 | 0.4705 |
| 6 | 0.0000 | 0.0000 | -0.2122 | -0.1559 | 0.0000 | 0.1611 | 0.3001 |
| 7 | -0.0909 | 0.1181 | -0.1286 | -0.2162 | -0.1364 | 0.0000 | 0.1392 |
| 8 | 0.0000 | 0.1034 | 0.0000 | -0.1892 | -0.2067 | -0.1208 | 0.0000 |
| 9 | 0.0707 | 0.0000 | 0.1000 | -0.1039 | -0.2122 | -0.1936 | -0.1083 |
| 10 | 0.0000 | -0.0827 | 0.1273 | 0.0000 | -0.1654 | -0.2172 | -0.1801 |
| 11 | -0.0579 | -0.0752 | 0.0818 | 0.0850 | -0.0868 | -0.1975 | -0.2139 |
| 12 | 0.0000 | 0.0000 | 0.0000 | 0.1261 | 0.0000 | -0.1452 | -0.2122 |
| 13 | 0.0490 | 0.0636 | -0.0693 | 0.1164 | 0.0735 | -0.0744 | -0.1810 |
| 14 | 0.0000 | 0.0591 | -0.0909 | 0.0668 | 0.1181 | 0.0000 | -0.1286 |
| 15 | -0.0424 | 0.0000 | -0.0600 | 0.0000 | 0.1273 | 0.0645 | -0.0650 |
| 16 | 0.0000 | -0.0517 | 0.0000 | -0.0585 | 0.1034 | 0.1089 | 0.0000 |
| 17 | 0.0374 | -0.0486 | 0.0530 | -0.0890 | 0.0562 | 0.1278 | 0.0573 |
| 18 | 0.0000 | 0.0000 | 0.0707 | -0.0841 | 0.0000 | 0.1207 | 0.1000 |
| 19 | -0.0335 | 0.0435 | 0.0474 | -0.0492 | -0.0503 | 0.0917 | 0.1238 |
| 20 | 0.0000 | 0.0413 | 0.0000 | 0.0000 | -0.0827 | 0.0483 | 0.1273 |
| 21 | 0.0303 | 0.0000 | -0.0429 | 0.0445 | -0.0909 | 0.0000 | 0.1120 |
| 22 | 0.0000 | -0.0376 | -0.0579 | 0.0688 | -0.0752 | -0.0439 | 0.0818 |
| 23 | -0.0277 | -0.0360 | -0.0391 | 0.0658 | -0.0415 | -0.0757 | 0.0424 |
| 24 | 0.0000 | 0.0000 | 0.0000 | 0.0390 | 0.0000 | -0.0905 | 0.0000 |
| 25 | 0.0255 | 0.0331 | 0.0360 | 0.0000 | 0.0382 | -0.0869 | -0.0390 |
| 26 | 0.0000 | 0.0318 | 0.0490 | -0.0360 | 0.0636 | -0.0670 | -0.0693 |
| 27 | -0.0236 | 0.0000 | 0.0333 | -0.0561 | 0.0707 | -0.0358 | -0.0871 |
| 28 | 0.0000 | -0.0295 | 0.0000 | -0.0541 | 0.0591 | 0.0000 | -0.0909 |
| 29 | 0.0220 | -0.0285 | -0.0310 | -0.0323 | 0.0329 | 0.0333 | -0.0811 |
| 30 | 0.0000 | 0.0000 | -0.0424 | 0.0000 | 0.0000 | 0.0581 | -0.0600 |
| 31 | -0.0205 | 0.0267 | -0.0290 | 0.0302 | -0.0308 | 0.0701 | -0.0314 |
| 32 | 0.0000 | 0.0258 | 0.0000 | 0.0473 | -0.0517 | 0.0679 | 0.0000 |
| 33 | 0.0193 | 0.0000 | 0.0273 | 0.0459 | -0.0579 | 0.0528 | 0.0295 |
| 34 | 0.0000 | -0.0243 | 0.0374 | 0.0275 | -0.0486 | 0.0284 | 0.0530 |
| 35 | -0.0182 | -0.0236 | 0.0257 | 0.0000 | 0.0273 | 0.0000 | 0.0672 |
| 36 | 0.0000 | 0.0000 | 0.0000 | -0.0260 | 0.0000 | -0.0269 | 0.0707 |
| 37 | 0.0172 | 0.0224 | -0.0243 | -0.0409 | 0.0258 | -0.0471 | 0.0636 |
| 38 | 0.0000 | 0.0218 | -0.0335 | -0.0398 | 0.0435 | -0.0572 | 0.0474 |
| 39 | -0.0163 | 0.0000 | -0.0231 | -0.0240 | 0.0490 | -0.0557 | 0.0250 |
| 40 | 0.0000 | -0.0207 | 0.0000 | 0.0000 | 0.0414 | -0.0436 | 0.0000 |

Tabelle 2.1: Ausgewählte Werte der si-Funktion