III. Tafel *van de naauwkeurige waarden der sinusſen en coſinusſen, van 3 tot 3 ſexageſimale graden.*

$\sin. 0° = \cos. 90° = 0$

$\sin. 3° = \cos. 87° = \frac{1}{16}(\sqrt{6}+\sqrt{2}).(-1+\sqrt{5}) - \frac{1}{8}(-1+\sqrt{3}).\sqrt{(5+\sqrt{5})}$

$\sin. 6° = \cos. 84° = -\frac{1}{8}(1+\sqrt{5}) + \frac{1}{8}\sqrt{(30-6\sqrt{5})}$

$\sin. 9° = \cos. 81° = \frac{1}{4}\sqrt{(3+\sqrt{5})} - \frac{1}{4}\sqrt{(5-\sqrt{5})}$

$\sin. 12° = \cos. 78° = -\frac{1}{8}(\sqrt{15}-\sqrt{3}) + \frac{1}{8}\sqrt{(10+2\sqrt{5})}$

$\sin. 15° = \cos. 75° = \frac{1}{4}(\sqrt{6}-\sqrt{2})$

$\sin. 18° = \cos. 72° = \frac{1}{4}(-1+\sqrt{5})$

$\sin. 21° = \cos. 69° = -\frac{1}{16}(\sqrt{6}-\sqrt{2}).(1+\sqrt{5}) + \frac{1}{8}(1+\sqrt{3}).\sqrt{(5-\sqrt{5})}$

$\sin. 24° = \cos. 66° = \frac{1}{8}(\sqrt{15}+\sqrt{3}) - \frac{1}{8}\sqrt{(10-2\sqrt{5})}$

$\sin. 27° = \cos. 63° = -\frac{1}{8}(\sqrt{10}-\sqrt{2}) + \frac{1}{4}\sqrt{(5+\sqrt{5})}$

$\sin. 30° = \cos. 60° = \frac{1}{2}$

$\sin. 33° = \cos. 57° = \frac{1}{16}(\sqrt{6}+\sqrt{2}).(-1+\sqrt{5}) + \frac{1}{8}(-1+\sqrt{3}).\sqrt{(5+\sqrt{5})}$

$\sin. 36° = \cos. 54° = \frac{1}{4}\sqrt{(10-2\sqrt{5})}$

$\sin. 39° = \cos. 51° = \frac{1}{16}(\sqrt{6}+\sqrt{2}).(1+\sqrt{5}) - \frac{1}{8}(-1+\sqrt{3}).\sqrt{(5-\sqrt{5})}$

$\sin. 42° = \cos. 48° = -\frac{1}{8}(-1+\sqrt{5}) + \frac{1}{8}\sqrt{(30+6\sqrt{5})}$

$\sin. 45° = \cos. 45° = \frac{1}{2}\sqrt{2}$

$\sin. 48° = \cos. 42° = \frac{1}{8}(\sqrt{15}-\sqrt{3}) + \frac{1}{8}\sqrt{(10+2\sqrt{5})}$

$\sin. 51° = \cos. 39° = \frac{1}{16}(\sqrt{6}-\sqrt{2}).(1+\sqrt{5}) + \frac{1}{8}(1+\sqrt{3}).\sqrt{(5-\sqrt{5})}$

$\sin. 54° = \cos. 36° = \frac{1}{4}(1+\sqrt{5})$

$\sin. 57° = \cos. 33° = -\frac{1}{16}(\sqrt{6}-\sqrt{2}).(-1+\sqrt{5}) + \frac{1}{8}(1+\sqrt{3}).\sqrt{(5+\sqrt{5})}$

$\sin. 60° = \cos. 30° = \frac{1}{2}\sqrt{3}$

$\sin. 63° = \cos. 27° = \frac{1}{8}(\sqrt{10}-\sqrt{2}) + \frac{1}{4}\sqrt{(5+\sqrt{5})}$

$\sin. 66° = \cos. 24° = \frac{1}{8}(1+\sqrt{5}) + \frac{1}{8}\sqrt{(30-6\sqrt{5})}$

$\sin. 69° = \cos. 21° = \frac{1}{16}(\sqrt{6}+\sqrt{2}).(1+\sqrt{5}) + \frac{1}{8}(-1+\sqrt{3}).\sqrt{(5-\sqrt{5})}$

$\sin. 72° = \cos. 18° = \frac{1}{4}\sqrt{(10+2\sqrt{5})}$

$\sin. 75° = \cos. 15° = \frac{1}{4}(\sqrt{6}+\sqrt{2})$

$\sin. 78° = \cos. 12° = \frac{1}{8}(-1+\sqrt{5}) + \frac{1}{8}\sqrt{(30+6\sqrt{5})}$

$\sin. 81° = \cos. 9° = \frac{1}{4}\sqrt{(3+\sqrt{5})} + \frac{1}{4}\sqrt{(5-\sqrt{5})}$

$\sin. 84° = \cos. 6° = \frac{1}{8}(\sqrt{15}+\sqrt{3}) + \frac{1}{8}\sqrt{(10-2\sqrt{5})}$

$\sin. 87° = \cos. 3° = \frac{1}{16}(\sqrt{6}-\sqrt{2}).(-1+\sqrt{5}) + \frac{1}{8}(1+\sqrt{3}).\sqrt{(5+\sqrt{5})}$

IV. *Tafel van de naauwkeurige waarden der tangenten, van 3 tot 3 ſexageſimale graden.*

$\tan g. 3° = 2+\sqrt{5}+\sqrt{(15+6\sqrt{5})} - \frac{1}{2}[\sqrt{(50+22\sqrt{5})}+3\sqrt{3}+\sqrt{15}]$

$\tan g. 6° = \frac{1}{2}\sqrt{(10-2\sqrt{5})} - \frac{1}{2}\sqrt{15} + \frac{1}{2}\sqrt{3}$

$\tan g. 9° = 1+\sqrt{5} - \sqrt{(5+2\sqrt{5})}$

$\tan g. 12° = \frac{3}{2}\sqrt{3} - \frac{1}{2}\sqrt{15} - \frac{1}{2}\sqrt{(50-22\sqrt{5})}$

$\tan g. 15° = 2-\sqrt{3}$

$\tan g. 18° = \sqrt{(1-\frac{2}{5}\sqrt{5})}$

$\tan g. 21° = (15-6\sqrt{5}) - 2+\sqrt{5} - \frac{1}{2}\sqrt{(50-22\sqrt{5})} - \frac{3}{2}\sqrt{3} + \frac{1}{2}\sqrt{15}$

$\tan g. 24° = \frac{1}{2}\sqrt{(50+22\sqrt{5})} - \frac{3}{2}\sqrt{3} - \frac{1}{2}\sqrt{15}$

$\tan g. 27° = -1+\sqrt{5} - \sqrt{(5-2\sqrt{5})}$

$\tan g. 30° = \frac{1}{3}\sqrt{3}$

$\tan g. 33° = \sqrt{(15+6\sqrt{5})} - 2 - \sqrt{5} - \frac{1}{2}\sqrt{(50+22\sqrt{5})} + \frac{3}{2}\sqrt{3} + \frac{1}{2}\sqrt{15}$

$\tan g. 36° = \sqrt{(5-2\sqrt{5})}$

$\tan g. 39° = \sqrt{(15-6\sqrt{5})} + 2 - \sqrt{5} + \frac{1}{2}\sqrt{(50-22\sqrt{5})} - \frac{3}{2}\sqrt{3} + \frac{1}{2}\sqrt{15}$

$\tan g. 42° = -\frac{1}{2}\sqrt{(10+2\sqrt{5})} + \frac{1}{2}\sqrt{15} + \frac{1}{2}\sqrt{3}$

$\tan g. 45° = 1$

$\tan g. 48° = \frac{1}{2}\sqrt{(50-22\sqrt{5})} + \frac{3}{2}\sqrt{3} - \frac{1}{2}\sqrt{15}$

$\tan g. 51° = \sqrt{(15-6\sqrt{5})} + 2 - \sqrt{5} - \frac{1}{2}\sqrt{(50-22\sqrt{5})} + \frac{3}{2}\sqrt{3} - \frac{1}{2}\sqrt{15}$

$\tan g. 54° = \sqrt{(1+\frac{2}{5}\sqrt{5})}$

$\tan g. 57° = \sqrt{(15+6\sqrt{5})} - 2 - \sqrt{5} + \frac{1}{2}\sqrt{(50+22\sqrt{5})} - \frac{3}{2}\sqrt{3} - \frac{1}{2}\sqrt{15}$

$\tan g. 60° = \sqrt{3}$

$\tan g. 63° = -1+\sqrt{5} + \sqrt{(5-2\sqrt{5})}$

$\tan g. 66° = \frac{1}{2}\sqrt{(10-2\sqrt{5})} + \frac{1}{2}\sqrt{15} - \frac{1}{2}\sqrt{3}$

$\tan g. 69° = \sqrt{(15-6\sqrt{5})} - 2+\sqrt{5} + \frac{1}{2}\sqrt{(50-22\sqrt{5})} + \frac{3}{2}\sqrt{3} - \frac{1}{2}\sqrt{15}$

$\tan g. 72° = \sqrt{(5+2\sqrt{5})}$

$\tan g. 75° = 2+\sqrt{3}$

$\tan g. 78° = \frac{1}{2}\sqrt{(10+2\sqrt{5})} + \frac{1}{2}\sqrt{15} + \frac{1}{2}\sqrt{3}$

$\tan g. 81° = 1+\sqrt{5} + \sqrt{(5+2\sqrt{5})}$

$\tan g. 84° = \frac{1}{2}\sqrt{(50+22\sqrt{5})} + \frac{3}{2}\sqrt{3} + \frac{1}{2}\sqrt{15}$

$\tan g. 87° = 2+\sqrt{5}+\sqrt{(15+6\sqrt{5})} + \frac{1}{2}\sqrt{(50+22\sqrt{5})} + \frac{3}{2}\sqrt{3} + \frac{1}{2}\sqrt{15}$