Geschichtliches

Ergänzungen

Geschichtstabelle zur Zahl PI (Table of computation of Pi from 2000 BC to now)

Ort	Zeit	Stellen	Wert
Babylonians	2000? v.Chr	1	3.125 = 3 + 1/8
Egyptians	2000? v.Chr	1	3.16045
China	1200? v.Chr	1	3
Bible (1 Kings 7:23)	550? v.Chr	1	3
Archimedes	250? v.Chr	3	3.1418 (ave.)
Hon Han Shu	130	1	3.1622 = sqrt(10) ?
Ptolemy	150	3	3.14166
Chung Hing	250?	1	3.16227 = sqrt(10)
Wang Fau	250?	1	3.15555 = 142/45
Liu Hui	263	5	3.14159
Siddhanta	380	3	3.1416
Tsu Ch'ung Chi	480?	7	3.1415926
Aryabhata	499	4	3.14156
Brahmagupta	640?	1	3.162277 = sqrt(10)
Al-Khowarizmi	800	4	3.1416
Fibonacci	1220	3	3.141818
Al-Kashi	1429	14	
Otho	1573	6	3.1415929
Viete	1593	9	3.1415926536 (ave.)
Romanus	1593	15	

Ludolph van Ceulen [niederl.], eigtl. Ackermann (?), latin. Colonus, * Hildesheim 28. 1. 1540, + Leiden, 31. 12. 1610, dt.-niederl. Mathematiker; berechnete die Zahl π (Ludolphsche Zahl) auf 35 Stellen genau, deshalb der Suchbegriff für Sherlock u.dgl.:**ludolpsche**

Van Ceulen	1615	35	
Newton	1665	16	
Sharp	1699	71	
Seki	1700?	10	
Kamata	1730?	25	
Machin	1706	100	
De Lagny	1719	127	(112 correct)
Takebe	1723	41	
Matsunaga	1739	50	
Vega	1794	140	
Rutherford	1824	208	(152 correct)
Strassnitzky and Dase	1844	200	
Clausen	1847	248	

Lehmann	1853	261	
Rutherford	1853	440	
Shanks	1874	707	(527 correct)
Zwanzigstes Jahrhundert			
Ferguson	1946	620	
Ferguson	Jan. 1947	710	
Ferguson and Wrench	Sep. 1947	808	
Smith and Wrench	1949	1,120	
Reitwiesner et al. (ENIAC)	1949	2,037	
Nicholson and Jeenel	1954	3,092	
Felton	1957	7,480	
Genuys	Jan. 1958	10,000	
Felton	May 1958	10,021	
Guilloud	1959	16,167	
Shanks and Wrench	1961	100,265	
Guilloud and Filliatre	1966	250,000	
Guilloud and Dichampt	1967	500,000	
Guilloud and Bouyer	1973	1,001,250	
Miyoshi and Kanada	1981	2,000,036	
Guilloud	1982	2,000,050	
Tamura	1982	2,097,144	
Tamura and Kanada	1982	4,194,288	
Tamura and Kanada	1982	8,388,576	
Kanada, Yoshino and Tamura	1982	16,777,206	
Ushiro and Kanada	Oct. 1983	10,013,395	
Gosper	1985	17,526,200	
Bailey	Jan. 1986	29,360,111	
Kanada and Tamura	Sep. 1986	33,554,414	
Kanada and Tamura	Oct. 1986	67,108,839	
Kanada, Tamura, Kubo et al	Jan. 1987	134,217,700	
Kanada and Tamura	Jan. 1988	201,326,551	
Chudnovskys	May 1989	480,000,000	
Chudnovskys	Jun. 1989	525,229,270	
Kanada and Tamura	Jul. 1989	536,870,898	
Kanada and Tamura	Nov. 1989	1,073,741,799	
Chudnovskys	Aug. 1989	1,011,196,691	
Chudnovskys	Aug. 1991	2,260,000,000	
Chudnovskys	May 1994	4,044,000,000	
Takahashi and Kanada	Jun. 1995	3,221,225,466	
Takahashi and Kanada	Aug. 1995	4,294,967,286	
Takahashi and Kanada	Oct. 1995	6,442,450,938	