

**MATT PARKER**

**CALCULATING PI**





3 1415926535 8979323846 264338327

PROCEEDINGS OF  
THE ROYAL SOCIETY.

No. 148.

VOL. XXII.

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December 1, 1873.

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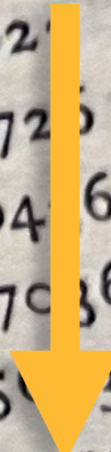


... double error, which  
... twenty years! This mistake,  
... affects the accuracy of the other figures.  
... It is sufficient merely to state that the 75th decimal,  
... in the value of  $\tan^{-1} \frac{1}{5}$  should be 8 and not 7; but it may be well to  
... give the entire value of  $\pi$  anew:—

Value of  $\pi = 3.$

14159 26535 89793 23846 26433 83279 50288 41971 69399 37510 58209 74944  
59230 78164 06286 20899 86280 34825 34211 70679 82148 08651 32823 06647  
09384 46095 50582 23172 53594 08128 48111 74502 84102 70193 85211 05559  
64462 29489 54930 38196 44288 10975 66593 34461 28475 64821 37867 83165  
27120 19091 45648 56692 34603 48610 45432 66482 13393 60725 02491 41273  
72458 70066 06315 58817 48815 30920 96282 92540 91715 36466 78925 90360  
01133 05305 48820 46652 13841 46951 94151 16094 33057 27036 57595 91953  
09218 61173 81932 61179 31051 18548 07446 23799 62749 50335 18857 52724  
89122 79381 83011 94912 98336 73362 44065 66430 86021 39501 60924 48077  
23094 36285 53096 62027 55693 97986 95022 24749 96206 07497 03041 23668  
86199 51100 89202 38377 02131 41694 11902 98858 25446 81639 79990 46597  
00081 70029 63123 77387 34208 41307 91451 18398 05709 85 &c.

527



**WRONG**

The statement in the author's paper of April 1873, touch...

# 2016

$k = 1/(2k-1)$

0	$\frac{1}{1}$	1.000000000000000000000000
1	$\frac{1}{3}$	0.333333333333333333333333
2	$\frac{1}{5}$	0.200000000000000000000000 0.866666666666666666666666
3	$\frac{1}{7}$	0.142857142857142857142857 0.723809523809523809523809
4	$\frac{1}{9}$	0.111111111111111111111111 0.834920634920634920634920
5	$\frac{1}{11}$	0.090909090909090909090909 0.7440115440115440115440
6	$\frac{1}{13}$	0.076923076923076923076923 0.820816781678167816781678
7	$\frac{1}{15}$	0.066666666666666666666666 0.8542880442680442680442
8	$\frac{1}{17}$	0.058823529411764705882352 0.710588235294117647058823
9	$\frac{1}{19}$	0.052631578947368421052631 0.760459947368421052631578

2 1

3.04183997892940



# 2018

The whiteboard contains several columns of handwritten numbers and mathematical notations. The man is pointing at the right-hand board.

**Left Board:**

1	1	3	5	9	1	9	9	9	9	7	4	4	6	
2	2	7	1	8	2	9	9	9	9	4	8	9	2	
3	4	0	7	7	1	9	9	9	9	2	3	3	8	
4	5	4	3	6	1	9	9	9	9	8	9	7	8	4
5	6	7	8	9	1	9	9	9	9	8	7	2	3	0
6	8	9	1	0	1	9	9	9	9	8	4	6	7	6
7	9	1	0	1	2	9	9	9	9	8	2	1	2	2
8	1	0	1	2	3	9	9	9	9	7	0	1	4	
9	1	2	3	4	5	9	9	9	9	7	0	1	4	

**Right Board:**

3	4	2	1	6	9	8	6	7	0	1	5	6	6	6	5	3	3	4	3	5	9	6	8
4	0	7	7	4	2	2	6	3	7	6	5	5	5	12	12	13	4	3	3	8	0	0	
1	8	2	4	4	4	4	8	8	8	4	3	4	2	0	2	1	6	8					
1	3	5	9	1	4	0	8	9	9	9	9	9	9	9	7	4	4	6	0				
5	6	5	3	0	3	7	6	6	4	3	4	2	2	2	7	7	0	8					
5	4	3	6	5	6	3	5	9	9	9	9	9	9	8	9	7	8	4					
2	1	8	4	7	4	0	6	4	3	4	2	3	7	9	2	2	10						
1	3	5	9	1	4	0	8	9	9	9	9	9	9	9	7	4	4	6					
8	7	0	5	5	9	9	7	4	3	4	2	3	8	1	7	9	4						
6	7	9	5	7	0	4	4	9	9	9	9	9	8	7	2	3							
1	2	6	0	2	9	2	9	3	4	2	3	8	3	0	7	1	0	0					
1	2	2	3	2	2	6	8	0	9	9	9	9	9	7	7	0	1	4					
3	7	0	6	6	1	2	4	2	3	8	3	3	0	9	8	6							
3	7	0	6	8	1	2	4	2	3	8	3	3	0	9	8	6							
2	7	1	8	2	8	1	7	9	9	9	9	9	9	4	8	9	2						
9	8	8	3	3	0	6	2	3	8	3	3	1	4	9	6	8							

**Bottom of Right Board:**

7?

2020

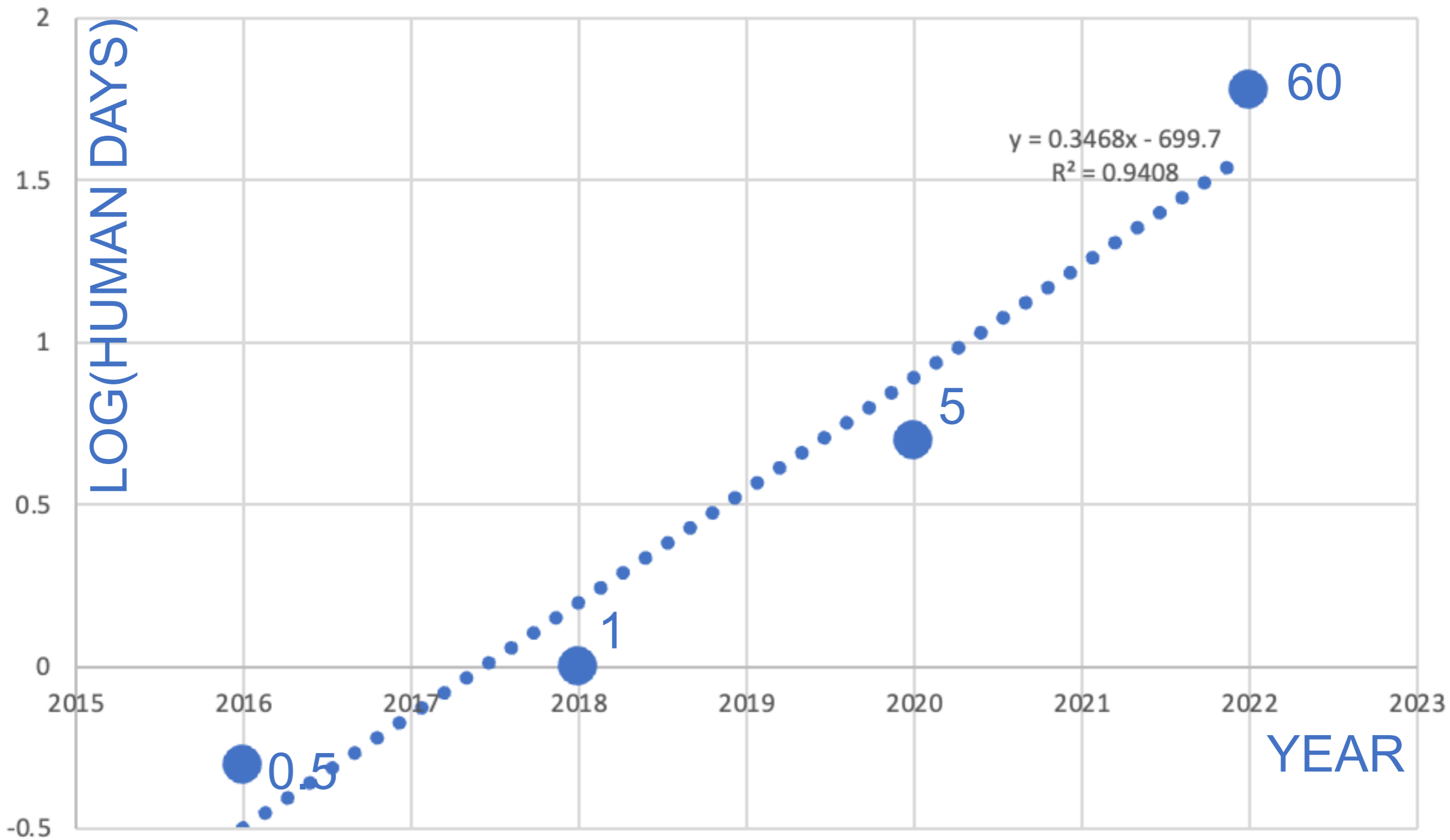


2020



2022





2022



2024



2024



2024

14 to 18 Feb 2024



2384626432531593012830160642193751058209749445

