

Separation of $[1,10]$

Zhengjie Xiong

October 2022

Separation

alist =

Columns 1 through 8

1.0000000000000000	1.5625000000000000	2.1250000000000000	2.6875000000000000
--------------------	--------------------	--------------------	--------------------

3.2500000000000000	3.5312500000000000	3.8125000000000000	4.3750000000000000
--------------------	--------------------	--------------------	--------------------

Columns 9 through 16

4.9375000000000000	5.0781250000000000	5.1132812500000000	5.1484375000000000
--------------------	--------------------	--------------------	--------------------

5.2187500000000000	5.5000000000000000	6.0625000000000000	6.2031250000000000
--------------------	--------------------	--------------------	--------------------

Columns 17 through 24

6.2734375000000000	6.3085937500000000	6.3261718750000000	6.3437500000000000
--------------------	--------------------	--------------------	--------------------

6.3613281250000000	6.3789062500000000	6.4140625000000000	6.4492187500000000
--------------------	--------------------	--------------------	--------------------

Columns 25 through 32

6.4843750000000000	6.6250000000000000	6.9062500000000000	7.0468750000000000
--------------------	--------------------	--------------------	--------------------

7.0820312500000000	7.1171875000000000	7.1875000000000000	7.3281250000000000
--------------------	--------------------	--------------------	--------------------

Columns 33 through 40

7.3984375000000000	7.4335937500000000	7.4687500000000000	7.4775390625000000
--------------------	--------------------	--------------------	--------------------

7.4863281250000000	7.5039062500000000	7.5390625000000000	7.6093750000000000
--------------------	--------------------	--------------------	--------------------

Columns 41 through 48

7.7500000000000000	8.0312500000000000	8.3125000000000000	8.8750000000000000
--------------------	--------------------	--------------------	--------------------

9.1562500000000000	9.4375000000000000	9.5781250000000000	9.6484375000000000
--------------------	--------------------	--------------------	--------------------

Column 49

9.7187500000000000

```

blist =
Columns 1 through 8
1.5625000000000000 2.1250000000000000 2.6875000000000000 3.2500000000000000

3.5312500000000000 3.8125000000000000 4.3750000000000000 4.9375000000000000
Columns 9 through 16
5.0781250000000000 5.1132812500000000 5.1484375000000000 5.2187500000000000

5.5000000000000000 6.0625000000000000 6.2031250000000000 6.2734375000000000
Columns 17 through 24
6.3085937500000000 6.3261718750000000 6.3437500000000000 6.3613281250000000

6.3789062500000000 6.4140625000000000 6.4492187500000000 6.4843750000000000
Columns 25 through 32
6.6250000000000000 6.9062500000000000 7.0468750000000000 7.0820312500000000

7.1171875000000000 7.1875000000000000 7.3281250000000000 7.3984375000000000
Columns 33 through 40
7.4335937500000000 7.4687500000000000 7.4775390625000000 7.4863281250000000

7.5039062500000000 7.5390625000000000 7.6093750000000000 7.7500000000000000
Columns 41 through 48
8.0312500000000000 8.3125000000000000 8.8750000000000000 9.1562500000000000

9.4375000000000000 9.5781250000000000 9.6484375000000000 9.7187500000000000
Column 49
10.0000000000000000

```