

Vel secundo, secundum rationem $1\frac{1}{2}$ seu $2\frac{1}{2}$ continuatam,

| | <u>91</u> | <u>27</u> | <u>118</u> |
|-----------------------|---------------------|---------------------|---------------------|
| | $37\frac{4}{5}$ | $11\frac{14}{65}$ | $49\frac{1}{65}$ |
| $1\frac{1}{2}$ quidē | $25\frac{1}{5}$ | $7\frac{31}{65}$ | $32\frac{44}{65}$ |
| | $16\frac{4}{5}$ | $4\frac{64}{65}$ | $21\frac{51}{65}$ |
| | $11\frac{1}{5}$ | $3\frac{21}{65}$ | $14\frac{34}{65}$ |
| Facit secundum ratio- | $58\frac{18}{803}$ | $17\frac{173}{803}$ | $79\frac{191}{803}$ |
| nem, | $21\frac{609}{803}$ | $6\frac{366}{803}$ | $28\frac{172}{803}$ |
| $2\frac{2}{3}$ uero | $8\frac{128}{803}$ | $2\frac{338}{803}$ | $10\frac{466}{803}$ |
| | $3\frac{48}{839}$ | $0\frac{729}{803}$ | $3\frac{777}{803}$ |

OPERATIO

1 ra.

| | |
|-------------------|--------------------|
| $\frac{2}{3}$ | $\frac{5}{8}$ |
| $\frac{4}{9}$ ra. | $\frac{5}{64}$ ra. |
| $\frac{8}{27}$ | $\frac{27}{512}$ |

AEQVATIO

91uel $1\frac{29}{512}$ ra. aqua. 27 N.118

Vel tertio, ut prime parti 4, secundae deinde 3 additis, à tertia uero parte, 2, ac quarta deinde, unitate subtracta, aggregati tandem & residui numeri subduplam rationem continuatam, uel subduplam, subquadrum, & $1\frac{1}{3}$ rationes habeant. Queritur &cæ. Facit

quantum ad rationem subduplam continuatam,

Respectu quidem 9127 uero,ac 118 deindePrima pars $2\frac{1}{3}$ $- 1\frac{4}{5}$ $4\frac{2}{15}$ Secunda $9\frac{2}{3}$ $1\frac{2}{15}$ $13\frac{4}{15}$ Tertia $27\frac{1}{3}$ $10\frac{4}{15}$ $34\frac{8}{15}$ Quarta deinde $51\frac{2}{3}$ $17\frac{8}{15}$ $66\frac{1}{15}$ Quantum ad rationes subduplam, subquadrum, & $1\frac{1}{3}$ Respectu quidem 9127118Prima pars $1\frac{10}{17}$ $- 2\frac{3}{17}$ $3\frac{3}{17}$ Secunda $8\frac{3}{17}$

Impossibile

 $11\frac{6}{17}$ Tertia $46\frac{12}{17}$

uel

 $59\frac{7}{17}$ Quar. deinde $34\frac{9}{17}$ $+ 11\frac{16}{17}$ $44\frac{1}{17}$

OPERATIO.

Sit prima pars

1 ra.

Vel

1 ra.

secunda igitur 2 ra. + 5 N

2 ra. + 5 N

tertia uero 4 ra. + 18 N

8 ra. + 34 N

ac quarta deinde 8 ra. + 33 N

6 ra. + 25 N

Aequatio igitur quantum ad

primum 15 ra. + 56 N

æqual. 91. 27. 118 N.

secun. 17 ra. + 64 N

D

Aequatio