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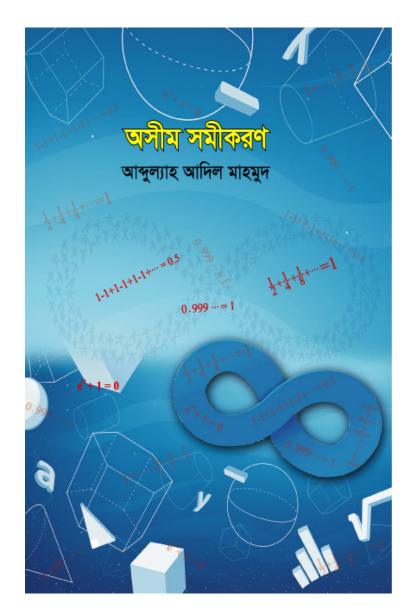


Figure 1: Book Cover

0.4.



Figure 2: Author

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() ()
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: almahmud.sbi@gmail.com

: thinkermahmud.com/

: mahmud.sbi

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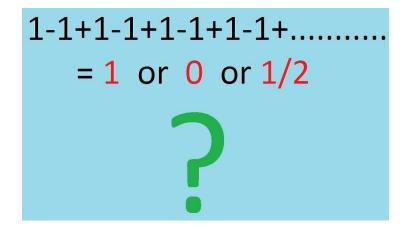
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Part I

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14 CHAPTER 1.

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 S = - + - + - + - + \dots
= (-) + (-) + (-) + \dots = + + + \dots
    S = - + - + - + - + \dots
S = - + - + - + - + \dots
S = +(-+)+(-+)+(-+)+...
= + + + + ...
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                       - (Eilenberg-Mazur swindle)
 = + (- + ) + (- + ) + ... = - + - + ... = (-) + (-) + ... =
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15

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S = - + - + - + - + \dots
          A_{1}, A_{2}, A_{3}, A_{4}, A_{5}, 
             , -S = S
         S + S =
             S =
             S = .
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                                                                                                              2n+1 ,
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                    1.
                    2.
                                                                                                                                                                                                                                                                                                                           ٠,
                                                                                                                                                                                                                                                                                                (Rearrangement)
                                                                                                                                                                                                                                                                                                                                                                                                                                          (Divergent)
                                                                                                                                                                                   (Convergent)
\frac{1}{2} + \frac{1}{4} + \frac{1}{8} + \frac{1}{16} + \dots  \infty
\frac{1}{2} + \frac{1}{3} + \frac{1}{5} + \frac{1}{7} + \frac{1}{11} + \dots
                                                                                                                                                                                                                                                                                                 , \frac{1}{\infty} = \frac{1}{\frac{1}{0}} = 1 \times \frac{1}{0} = 0
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16 CHAPTER 1.

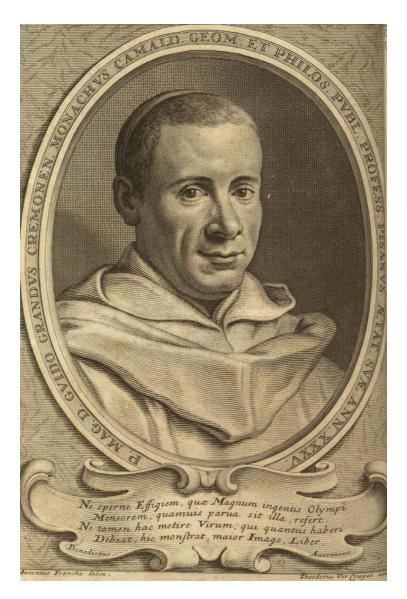
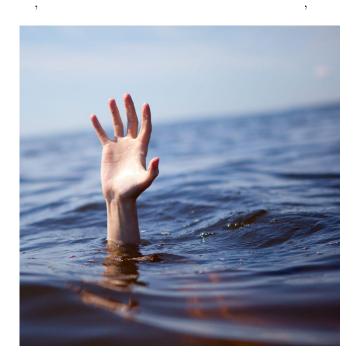
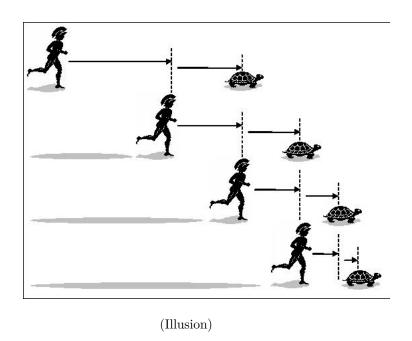


Figure 1.1: Guido Grandi



18 CHAPTER 1.

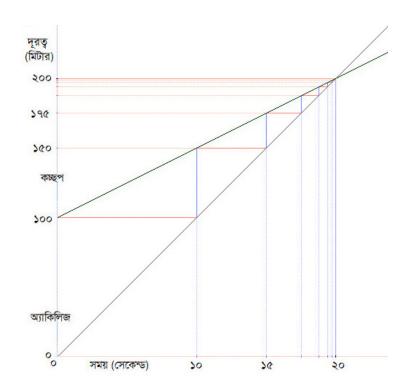


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20 CHAPTER 2.

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, " Enlightening Symbols

 $, \qquad \qquad (\qquad , \qquad)$

(Convergent) (Divergent) $+ + + \dots$

 $\frac{1}{2} + \frac{1}{4} + \frac{1}{8} + \cdots$

,

 $\frac{x}{2} \qquad \frac{x}{4}, \frac{x}{8} \qquad \frac{x}{8} \cdots \qquad \qquad = \frac{x}{2}$ $\{\cdots, \frac{1}{16}, \frac{1}{8}, \frac{1}{4}, \frac{1}{2}, 1\}$!

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22 CHAPTER 2.

24 CHAPTER 3.

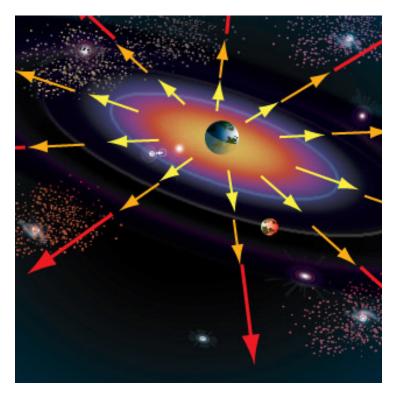


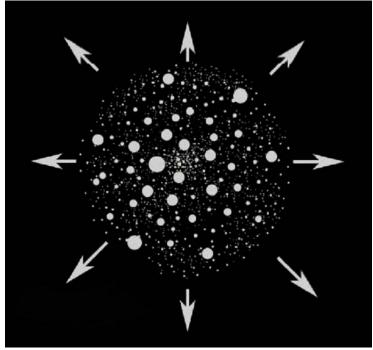
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 $26 \hspace{35pt} \textit{CHAPTER 4}.$





28 CHAPTER 4.

30 CHAPTER 5. :

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(Sample) ,
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(Prediction)