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一般には曲管や抵抗体の断面の形状は任意であるが、
 多くの実用には断面が円形で抵抗体が球体の
 場合である。従って、以下においてはこの場合と考
 えて論ずるとする。流体の管の径を d とし、
 ば、粘性流体の流速 v との関係は、



を v とすると、次の式で表わされる。

$$R = \frac{\rho v d}{\mu} \quad (5)$$

Let AB be a line segment. C is a point on AB . $AC = 3$ units, $CB = 7$ units. D is a point on AB such that $AD = 5$ units. E is a point on AB such that $AE = 1$ unit. F is a point on AB such that $AF = 9$ units. G is a point on AB such that $AG = 4$ units. H is a point on AB such that $AH = 6$ units. I is a point on AB such that $AI = 8$ units. J is a point on AB such that $AJ = 2$ units. K is a point on AB such that $AK = 7$ units. L is a point on AB such that $AL = 5$ units. M is a point on AB such that $AM = 3$ units. N is a point on AB such that $AN = 1$ unit. O is a point on AB such that $AO = 9$ units. P is a point on AB such that $AP = 4$ units. Q is a point on AB such that $AQ = 6$ units. R is a point on AB such that $AR = 8$ units. S is a point on AB such that $AS = 2$ units. T is a point on AB such that $AT = 7$ units. U is a point on AB such that $AU = 5$ units. V is a point on AB such that $AV = 3$ units. W is a point on AB such that $AW = 1$ unit. X is a point on AB such that $AX = 9$ units. Y is a point on AB such that $AY = 4$ units. Z is a point on AB such that $AZ = 6$ units.

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$$\frac{m}{n} = \frac{1}{m+1} \quad (1)$$

Let m and n be positive integers. m is the number of red balls and n is the number of blue balls. $m+n$ is the total number of balls. $\frac{m}{m+n}$ is the probability of drawing a red ball. $\frac{n}{m+n}$ is the probability of drawing a blue ball. $\frac{m}{n}$ is the ratio of red balls to blue balls. $\frac{1}{m+1}$ is the probability of drawing a red ball from a set of $m+1$ balls.

$$V = \frac{1}{2} \times (a+b) \times h \quad (2)$$

Let V be the volume of a trapezoidal prism. a and b are the lengths of the parallel bases. h is the height of the prism. $\frac{1}{2}(a+b) \times h$ is the area of the trapezoidal base. V is the product of the area of the base and the height of the prism. $\frac{1}{2}(a+b)$ is the average of the lengths of the two parallel bases. h is the perpendicular distance between the two parallel bases.

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Table 2 Calculated value of power m

	5.35	6.00	6.35	7.00
10	1.78	1.74	1.69	1.80
20	1.76	1.61	1.71	1.63

d 5.00

40	2.18	2.00	2.01	2.03	2.08
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0.500 -0.020 -0.013

1.85	1.95	2.05	2.01
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