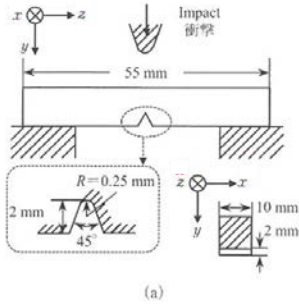
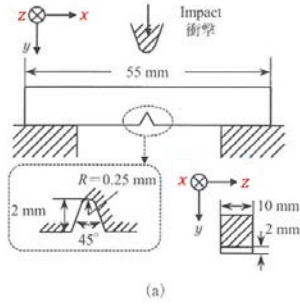
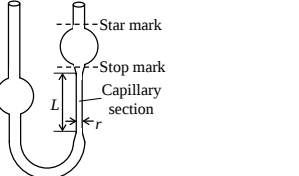
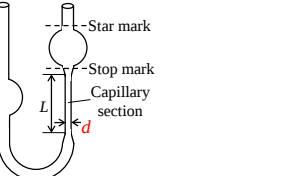


「Measurement and Instrumentation」(First Edition/ Fourth & Fifth Prints) Correction list

ページ Page	該当箇所 Place	誤 Incorrect	正 Correct
24	5 行目	系統誤差 $y(i)$ の平均値と y_R の差	系統誤差は $y(i)$ の平均値 y_M と y_R の差
24	6 行目	$y(i)$ と y_R の差	$y(i)$ と y_M の差
24	L6	between the measured value and	between the measured value $y(i)$ and
24	L8	between the mean of $y(i)$ and y_R	between the mean y_M of $y(i)$ and y_R
24	L9	difference between $y(i)$ and y_R	difference between $y(i)$ and y_M
33	3 行目	室温 23.0°C	室温 20.5°C
33	Line 8	temperature of 23°C	temperature of 20.5°C
35	12 行目	25.00007 mm	25.0007 mm
35	Line 14	25.00007 mm	25.0007 mm
37	1 行目	室温は 23.0°C	室温は 20.5°C
37	Line 1	temperature is 23°C	temperature is 20.5°C
58	Line 4	highly significant	significant
68	Eq. (6-7)	$\frac{\Delta C}{C} \approx \frac{\Delta d_z}{d_z}$	$\frac{\Delta C}{C} \approx -\frac{\Delta d_z}{d_z}$
70	Line 10	isolators	insulating materials
80	Eq. (7-7)	$f_B = \frac{V}{\lambda_A} = \frac{V}{(V+v_s)T_s} = \frac{V}{V+v_s} f_s$	$f_B = \frac{V}{\lambda_B} = \frac{V}{(V+v_s)T_s} = \frac{V}{V+v_s} f_s$
88	Line 19	7-1) What does not change with	7-1) What does change with
94	(8-12)	$\sigma = \tau = \frac{T}{G I_P} \frac{D}{2}$	$\sigma = \tau = \frac{T}{I_P} \frac{D}{2}$
94	(8-14)	$T = \frac{\pi E G D^3}{16 k_s R (1+\nu)} \Delta R$	$T = \frac{\pi E D^3}{16 k_s R (1+\nu)} \Delta R$
100	Problems	8-2) Show the relationship between the ΔR of G1 and F with the parameters in Fig. 8-3, except the length of the beam.	8-2) Show the relationship between the ΔR of G1 and F in Fig. 8-5 with the parameters in Fig. 8-3, except the length of the beam.
112	Fig. 9-10 (a)		
126	5 行目	半径 r	直径 d
126	10 行目	外径 r_1 , 円筒の内径 r_2	外径 d_1 , 円筒の内径 d_2
126	8 行目	diameter is r	diameter is d
126	12 行目	diamter r_1 in diameter r_2 ,	diamter d_1 in diameter d_2 ,
126	Fig. 10-16 (a)		
126	(10-26)	$\eta = \frac{\pi r^4 t \Delta p}{8 L V} = \frac{\pi r^4 \Delta p}{8 L Q}$ (10-26)	$\eta = \frac{\pi d^4 t \Delta p}{8 L V} = \frac{\pi d^4 \Delta p}{8 L Q}$ (10-26)
126	(10-27)	$\eta = \frac{\tau' \theta (r_2^2 - r_1^2)}{4 \pi L \omega r_1^2 r_2^2}$ (10-27)	$\eta = \frac{\tau' \theta (d_2^2 - d_1^2)}{4 \pi L \omega d_1^2 d_2^2}$ (10-27)
127	Problems	10-4) Calculate the kinetic viscosity.	10-4) Calculate the kinematic viscosity.
129	10 行目	8314.46JK ⁻¹ mol ⁻¹	8314.46JK ⁻¹ kmol ⁻¹
129	Line 15	8314.46JK ⁻¹ mol ⁻¹	8314.46JK ⁻¹ kmol ⁻¹
129	(11-5)	$d_v = p \frac{M_v}{RT} = \frac{18.015p}{0.0831446(273.15 + t_a)}$	$d_v = p \frac{M_v}{RT} = \frac{18.015p}{8.31446(273.15 + t_a)}$

		$= 1 + \frac{803.7}{0.00366t_a} \cdot \frac{p}{P_0}$	$= 1 + \frac{803.7}{0.00366t_a} \cdot \frac{p}{P_0}$
131	(11-12)	$R\left(\frac{-R}{T^2}\right)$	$R\left(\frac{-B}{T^2}\right)$
143	Line 11	poles move from	holes move from

最新正誤表は以下の HP よりご入手ください.

The updated Correction list can be found in the following webpage. <http://www.asakura.co.jp/books/isbn/978-4-254-20165-9/>