

DWTによるPセンサーの検定

検定日 2009年04月

9/N42423 (ハウジング/N 0357)

パラメータ

M0= 0.57  
 ρa= 1.20  
 ρm= 7800.00  
 K= 0.00  
 g= 9.80  
 ρg= 866.00  
 CTD OFFSET= 0.00  
 Ts= 22.00

V= \*\*\*\*\*  
 C= 9.90E-004  
 A0= 8.06E-006  
 a= 3.80E-007  
 λ= 2.30E-005  
 10

m(A)= 0.25542 m(O)= 0  
 m(B)= 1.645015 m(1)= 0.822469  
 m(C)= 1.644986 m(2)= 2.467484  
 m(D)= 4.112262 m(3)= 4.11245  
 m(E)= 4.112422 m(4)= 8.224712  
 m(F)= 4.112364 m(5)= 12.337134  
 m(G)= 4.112443 m(6)= 16.449498  
 m(H)= 4.112407 m(7)= 20.561941  
 m(J)= 4.112237 m(8)= 24.674348  
 m(K)= 4.112398 m(9)= 28.786585  
 m(L)= 4.112428 m(10)= 32.898981  
 m(M)= 4.112458 m(11)= 37.011409  
 m(N)= 4.112399 m(12)= 41.123887  
 m(P)= 4.112395 m(13)= 45.236266  
 m(U)= 4.112477 m(14)= 49.348881  
 m(14)= 53.461138

1回目 回帰分析の結果:

Y切片 -0.553204  
 Y 評価値の標準誤差 0.2406699  
 R2乗 1  
 標本数 14  
 自由度 12

X 係数 1.000003

X 係数の標準誤差 0.0000318  
 2回目 回帰分析の結果:  
 Y 切片 -0.586854  
 Y 評価値の標準誤差 0.2450457  
 R2乗 1  
 標本数 14  
 自由度 12

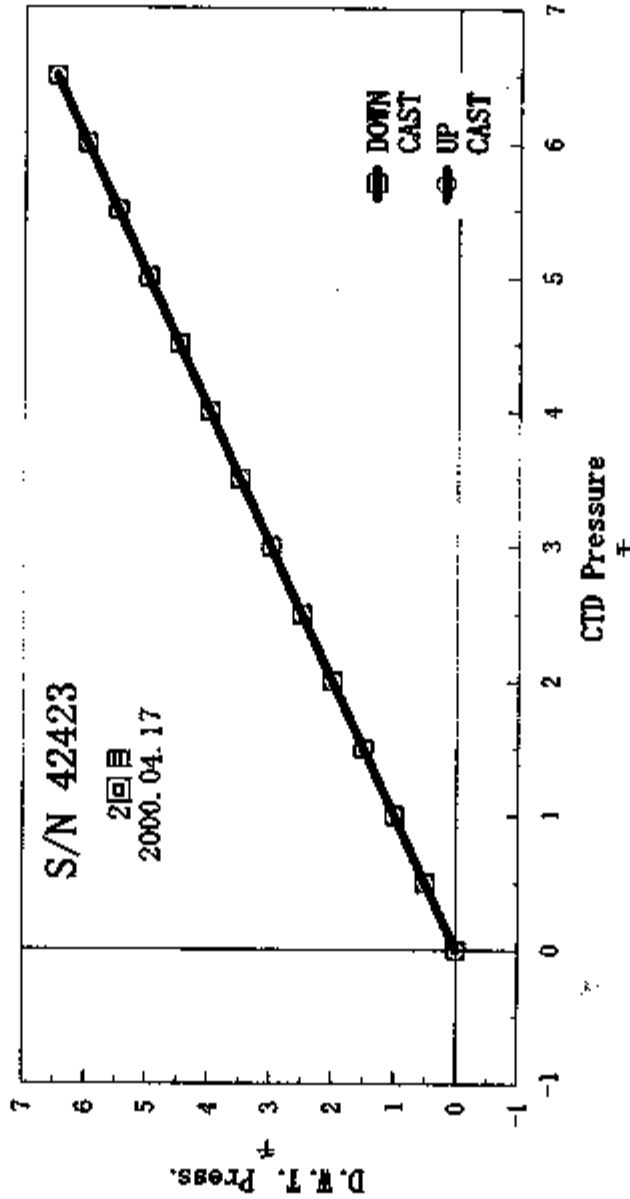
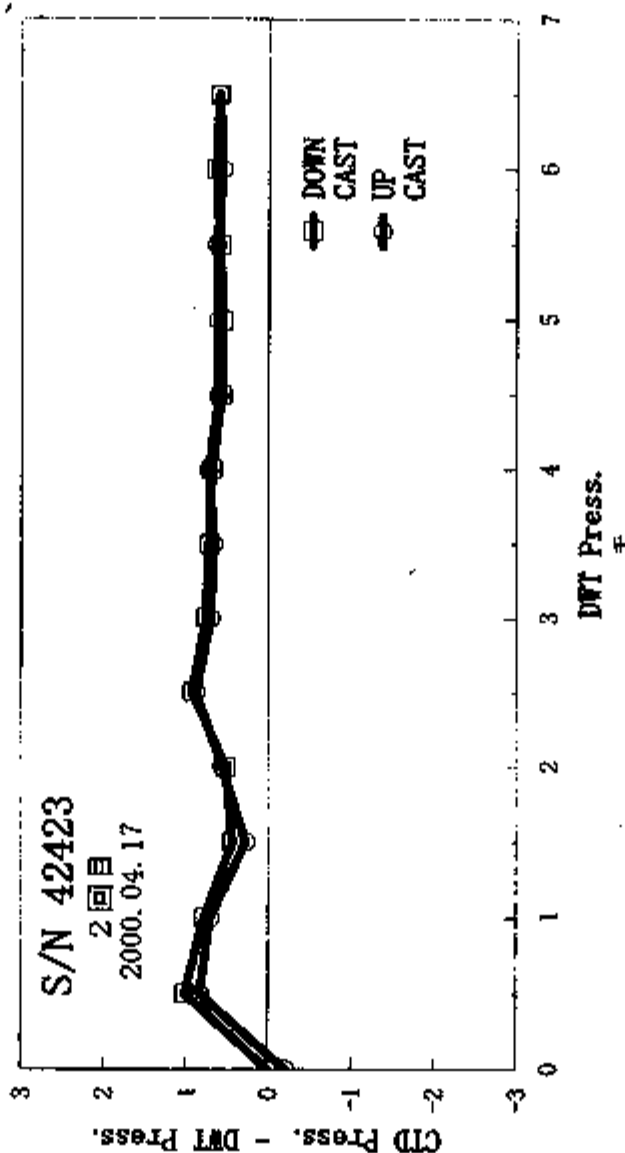
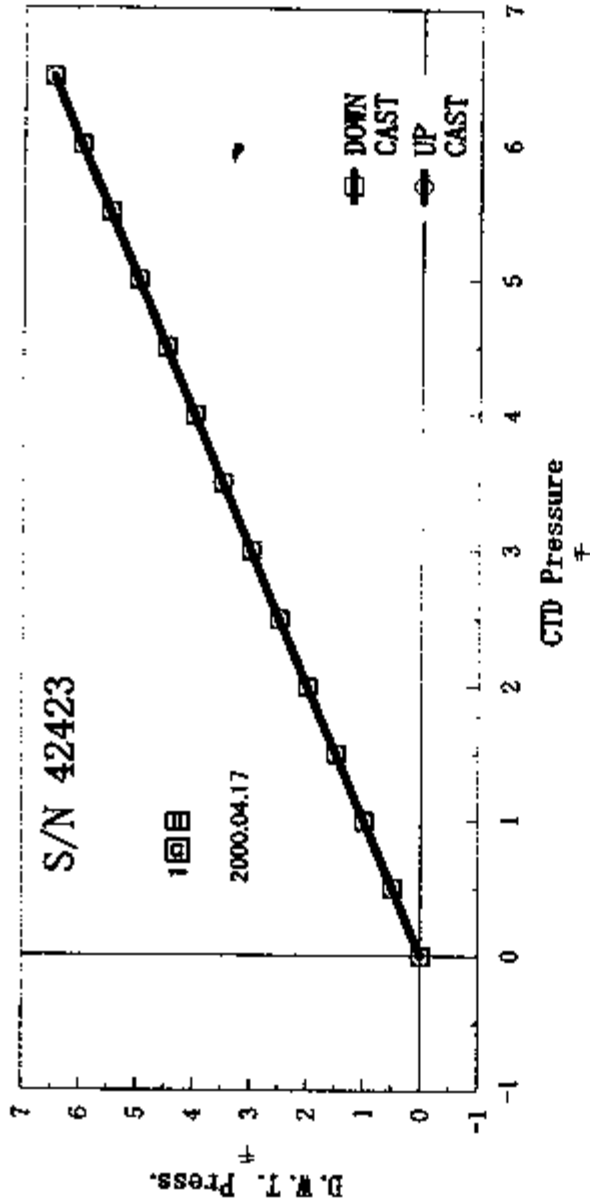
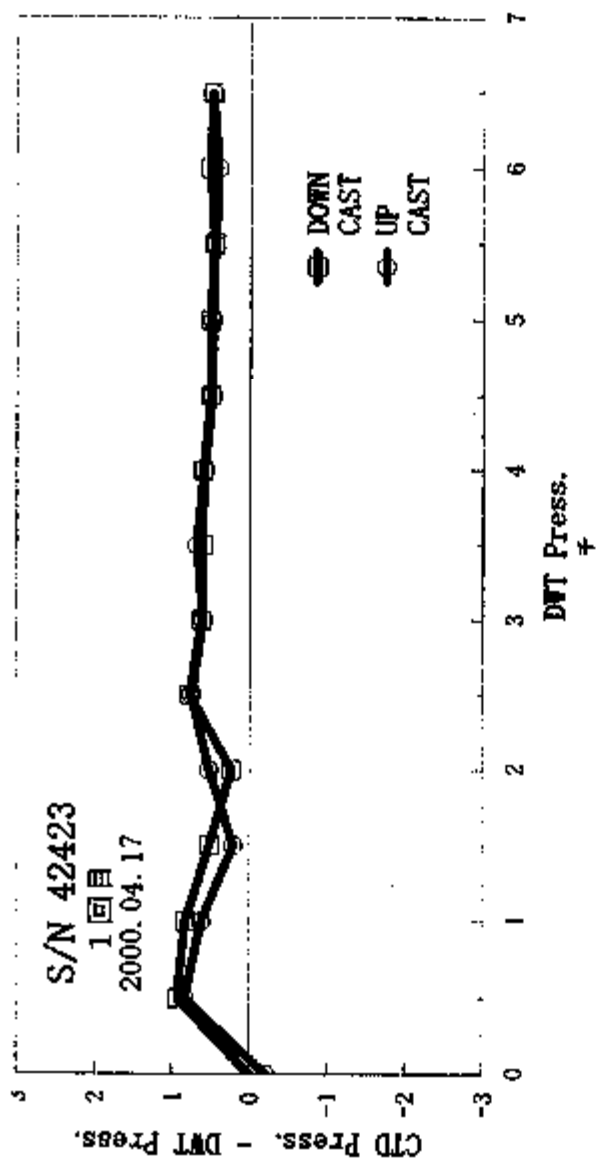
X 係数 0.9999883  
 X 係数の標準誤差 0.0000325

おもり 構成  
 OFFSET=

構成	CTD T	P代表値	CTD P	M0+Σm	P1	P2	DWT P	CTD-DWT	Cal Ctd	CALCTD-D'	down cast	up cast	down cast	up cast
0	0.00	0.0	0	0	0.0009659	0.8084306	0.00	0.00	0	0.0	0.00		0	
50 C+	24.02	500.5	500.5	4.11245	40.286743	0.8084239	499.57	0.93	0	-499.6	0.93		499.57279	
100 D+	24.93	999.9	999.9	8.224712	80.570678	0.8084561	999.07	0.83	0	-999.1	0.83		999.07088	
150 E+	24.96	1499.1	1499.1	12.337134	120.856618	0.808472	1498.58	0.52	0	-1498.6	0.52		1498.5738	
200 F+	24.95	1998.3	1998.3	16.449498	161.14111	0.8084871	1998.06	0.24	0	-1998.1	0.24		1998.0619	
250 G+	24.98	2498.3	2498.3	20.561941	201.42682	0.808503	2497.53	0.77	0	-2497.5	0.77		2497.5338	
300 H+	25.02	2997.8	2997.8	24.674348	241.71218	0.808519	2996.98	0.62	0	-2997.0	0.62		2996.9805	
350 J+	25.07	3497.0	3497.0	28.786585	281.99587	0.8085353	3496.39	0.61	0	-3496.4	0.61		3496.386	
400 K+	25.07	3996.4	3996.4	32.898981	322.28112	0.8085506	3995.80	0.60	0	-3995.8	0.60		3995.7954	
450 L+	25.02	4495.7	4495.7	37.011409	362.56668	0.808565	4495.19	0.51	0	-4495.2	0.51		4495.1948	
500 M+	24.96	4995.1	4995.1	41.123887	402.85253	0.8085792	4994.58	0.52	0	-4994.6	0.52		4994.5812	
550 N+	24.91	5494.4	5494.4	45.236266	443.13781	0.8085936	5493.94	0.46	0	-5493.9	0.46		5493.9416	
600 P+	24.90	5993.8	5993.8	49.348881	483.42305	0.8086086	5993.28	0.52	0	-5993.3	0.52		5993.2795	
650 U+	24.92	6493.1	6493.1	53.461138	523.70909	0.8086228	6492.62	0.48	0	-6492.6	0.48	0.48	6492.6163	6492.62
600 U-	24.92	5993.7	5993.7	49.348881	483.42305	0.8086073	5993.29	0.41	0	-5993.3		0.41		5993.29
550 P-	24.98	5494.4	5494.4	45.236266	443.13781	0.808593	5493.95	0.45	0	-5493.9		0.45		5493.95
500 N-	24.70	4995.1	4995.1	41.123887	402.85253	0.8085744	4994.61	0.49	0	-4994.6		0.49		4994.61
450 M-	24.83	4495.7	4495.7	37.011409	362.56668	0.8085815	4495.21	0.49	0	-4495.2		0.49		4495.21
400 L-	24.90	3996.4	3996.4	32.898981	322.28112	0.8085475	3995.81	0.59	0	-3995.8		0.59		3995.81
350 K-	24.91	3497.1	3497.1	28.786585	281.99587	0.808529	3496.41	0.69	0	-3496.4		0.69		3496.41
300 J-	24.91	2997.8	2997.8	24.674348	241.71218	0.8085137	2997.00	0.60	0	-2997.0		0.60		2997.00
250 H-	24.73	2498.3	2498.3	20.561941	201.42682	0.8084983	2497.55	0.75	0	-2497.5		0.75		2497.55
200 G-	24.70	1998.6	1998.6	16.449498	161.14111	0.8084825	1998.07	0.53	0	-1998.1		0.53		1998.07
150 F-	24.57	1498.8	1498.8	12.337134	120.856618	0.8084647	1498.59	0.21	0	-1498.6		0.21		1498.59
100 E-	24.66	999.7	999.7	8.224712	80.570678	0.8084492	999.08	0.62	0	-999.1		0.62		999.08
50 D-	24.62	500.4	500.4	4.11245	40.286743	0.808435	499.57	0.83	0	-499.6		0.83		499.57
0 A-	24.60	-0.2	-0.2	0	0.0009659	0.8084193	0.01	-0.21	0	-0.0		-0.21		0.01

OFFSET=

0	21.95	0.0	0	0	0.0009659	0.8083702	0.00	0.00	0	0.0	0.00		0	
50 C+	22.10	500.6	500.6	4.11245	40.286743	0.8083863	499.59	1.01	0	-499.6	1.01		499.59485	
100 D+	22.18	999.9	999.9	8.224712	80.570678	0.8084051	999.13	0.77	0	-999.1	0.77		999.13407	
150 E+	22.30	1499.1	1499.1	12.337134	120.856618	0.8084226	1498.67	0.43	0	-1498.7	0.43		1498.6705	
200 F+	22.29	1998.3	1998.3	16.449498	161.14111	0.8084378	1998.18	0.52	0	-1998.2	0.52		1998.1842	
250 G+	22.41	2498.6	2498.6	20.561941	201.42682	0.8084553	2497.68	0.92	0	-2497.7	0.92		2497.6812	
300 H+	22.58	2997.9	2997.9	24.674348	241.71218	0.8084738	2997.15	0.75	0	-2997.1	0.75		2997.1487	
350 J+	22.61	3497.3	3497.3	28.786585	281.99587	0.8084897	3496.58	0.72	0	-3496.6	0.72		3496.5838	
400 K+	22.64	3996.7	3996.7	32.898981	322.28112	0.8085055	3996.02	0.68	0	-3996.0	0.68		3996.0187	
450 L+	22.74	4496.9	4496.9	37.011409	362.56668	0.8085227	4495.43	0.57	0	-4495.4	0.57		4495.4305	
500 M+	22.73	4995.4	4995.4	41.123887	402.85253	0.8085378	4994.84	0.56	0	-4994.8	0.56		4994.8373	
550 N+	22.78	5494.8	5494.8	45.236266	443.13781	0.8085541	5494.21	0.59	0	-5494.2	0.59		5494.2107	
600 P+	22.88	5994.2	5994.2	49.348881	483.42305	0.8085713	5993.56	0.64	0	-5993.6	0.64		5993.5565	
650 U+	22.90	6493.5	6493.5	53.461138	523.70909	0.808587	6492.90	0.60	0	-6492.9	0.60	0.60	6492.903	6492.90
600 U-	22.99	5994.1	5994.1	49.348881	483.42305	0.8085733	5993.54	0.58	0	-5993.5		0.58		5993.54
550 P-	23.01	5494.4	5494.4	45.236266	443.13781	0.8085587	5494.18	0.62	0	-5494.2		0.62		5494.18
500 N-	23.11	4995.4	4995.4	41.123887	402.85253	0.8085453	4994.79	0.61	0	-4994.8		0.61		4994.79
450 M-	23.14	4496.0	4496.0	37.011409	362.56668	0.8085283	4495.40	0.60	0	-4495.4		0.60		4495.40
400 L-	23.08	3996.7	3996.7	32.898981	322.28112	0.8085137	3995.98	0.72	0	-3996.0		0.72		3995.98
350 K-	23.16	3497.2	3497.2	28.786585	281.99587	0.8084989	3496.54	0.66	0	-3496.5		0.66		3496.54
300 J-	23.22	2997.8	2997.8	24.674348	241.71218	0.8084856	2997.10	0.70	0	-2997.1		0.70		2997.10
250 H-	23.30	2498.5	2498.5	20.561941	201.42682	0.8084718	2497.63	0.87	0	-2497.6		0.87		2497.63
200 G-	23.16	1998.7	1998.7	16.449498	161.14111	0.8084539	1998.14	0.56	0	-1998.1		0.56		1998.14
150 F-	23.30	1498.9	1498.9	12.337134	120.856618	0.8084423	1498.63	0.27	0	-1498.6		0.27		1498.63
100 E-	23.41	999.8	999.8	8.224712	80.570678	0.8084279	999.11	0.69	0	-999.1		0.69		999.11
50 D-	23.44	500.4	500.4	4.11245	40.286743	0.8084181	499.58	0.82	0	-499.6		0.82		499.58
0 A-	23.47	-0.2	-0.2	0	0.0009659	0.8083984	0.01	-0.21	0	-0.0		-0.21		0.01



1回目 回帰分析の結果:

Y 切片	-0.553203843372103
Y 評値の標準誤差	0.240669874882112
R2乗	0.999999987751169
標本数	14
自由度	12
X 係数	1.000003037187720
X 係数の標準誤差	0.000031949055625

2回目 回帰分析の結果:

Y 切片	-0.586854032220799
Y 評値の標準誤差	0.245045687350855
R2乗	0.999999987302868
標本数	14
自由度	12
X 係数	0.999988342174463
X 係数の標準誤差	0.000032527985966