

952. Weibull, W. (1959d)  
Statistical aspects of aeronautical fatigue  
1st Intern. WADC-Minnesota Conf. on Aeronautical  
Fatigue  
A4.2.3
953. Weibull, W. (1960a)  
The fatigue damaging effect of a random load  
Symp. Acoustical Fatigue  
ASTM Spec. Publ. No. 284  
A2.1.2.1
954. Weibull, W. (1960b)  
Efficient methods for estimating fatigue life  
distributions of roller bearings  
Proc. Symp. on Rolling Contact Phenomena.  
General Motors Corp., 252-265  
A4.2.2
955. Weibull, W. (1963)  
Outline of an algebra of stochastic quantities  
ASD-TDR-63-63  
T1; M3.1
956. Weibull, W. (1966)  
A survey of statistical effects in the field  
of material failure  
Appl. Mech. Surveys, Spartan Books, Washington D.C.  
397-400  
T1; A2.1.1.1
957. Weibull, W. (1967a)  
Composition and decomposition of bounded vari-  
ates with special reference to the Gamma and  
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AFML-TR-67-86  
T1
958. Weibull, W. (1967b)  
Estimation of distribution parameters by a  
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method and maximum likelihood  
AFML-TR-67-105  
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959. Weibull, W. (1967c)  
The order statistics  $y = \log(z_i^m)$ , their pro-  
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AFML-TR-67-161  
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960. Weibull, W. (1967d)  
Estimation of parameters from large samples  
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AFML-TR-67-197  
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961. Weibull, W. (1967e)  
Approximations of best linear unbiased order-  
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AFML-TR-67-198  
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962. Weibull, W. (1967f)  
Moments about smallest sample values  
AFML-TR-67-375  
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963. Weibull, W. (1968)  
Size distribution of Lunar and Martian craters  
Sci. Rep. No. 7 of Contr. AF61(052)-943  
A6.2
964. Weibull, W. (1969a)  
A criterion for the acceptability of assumed  
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AFML-TR-69-124  
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965. Weibull, W. (1969b)  
The efficiencies of unbiased, linear estimators  
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AFML-TR-69-134  
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966. Weibull, W. (1969c)  
Moment estimators for Weibull parameters and  
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967. Weibull, W. (1969d)  
A general method for estimating distribution  
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AFML-TR-69-317  
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968. Weibull, W. (1971)  
Outline of a theory of powerful selection of  
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AFML-TR-71-52  
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969. Weibull,W.(1973a)  
The Eks-square test of goodness-of-fit.  
An improvement of the Chi-square test  
AFML-TR-73-94  
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970. Weibull,W.(1973b)  
The concept of score of a random sample  
AFML-TR-73-95  
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971. Weibull,W.(1973c)  
A new test operator, VJ, Based on class  
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AFML-TR-73-97  
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972. Weibull,W.(1973d)  
The concept of pseudo-standardized variables  
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AFML-TR-98  
M3.2.4
973. Weibull,W.(1973e)  
The rank-score test - an improvement of  
the rank-sum test  
AFML-TR-73-203  
M1.2
974. Weibull,W.& Weibull,G.W.(1969)  
High-fidelity approximation to median percentage  
points of order statistics  
AFML-TR-69-317  
T2.1; T2.2
975. Weil,N.A.; Daniel,I.M.(1963)  
The influence of stress gradient on the strength  
of brittle materials  
ASME Paper 63-WA-228  
A2.1.1.1; A2.1.1.2.4
976. Weiss,L.(1971)  
Asymptotic inference about a density function  
at an end of its range  
Naval Res.Logist.Quart.,18, (1),111-114  
T1
977. Wharton,R.M.; Srinivasan,R.(1975)  
Confidence bands for Weibull distribution  
Technometrics,17, (3),375  
M3.3

978. Whitaker, G.D. (1974)  
Statistical reliability models for chemical  
process plant  
Chem. Eng. (GB), (278), 471-477  
A15.3
979. White, J.S. (1962a)  
Weibull renewal analysis  
Res. Lab. General Motors Corp.  
A5.1
980. White, J.S. (1962b)  
Estimation of parameters of the Weibull  
distribution  
Ann. Math. Stat., 33, 1502  
M3.2.1; M3.2.3; M3.2.4
981. White, J.S. (1964)  
Least squares unbiased censored linear esti-  
mation for the log Weibull (extreme value)  
distribution  
J. Industr. Math. Soc., 14, 21-60  
M3.2.4
982. White, J.S. (1965a)  
Linear estimation for the Log-Weibull  
distribution  
Ann. Reliab. Maintainab. Conf., Los Angeles, Calif.  
(A66-10048 01-15)  
M3.2.4
983. White, J.S. (1965b)  
A technique for estimating Weibull percentile  
points  
Ann. Reliab. Maintainab. Conf., New York, Papers  
(A66-37879 20-15)  
M3.2.4
984. White, J.S. (1969)  
The moments of log-Weibull order statistics  
Technometrics, 11, 373-386  
T2.1
985. Whitney, J.B. (1974)  
A likelihood analysis of some common distri-  
bution  
J. Qual. Technol. (U.S.A.), 6, (4), 182-187  
M2; M3.2.3

986. Whitney, J.M. (1975)  
The effect of stress concentrations on the fracture behavior of fiber reinforced composite materials  
Soc. Engng. Sci. Ann. Meeting, Auston, Tex. Proc. (A76-22551 09-31)  
A2.1.1.2.7
987. Whittaker, I.C. (1972)  
Development of titanium and steel fatigue variability model for application to reliability analysis approach to aircraft structures  
AFML-TR-72-236  
A2.1.2.2.1; A4.2.3
988. Whittaker, I.C.; Besuner, P.M. (1969)  
A reliability analysis approach to fatigue life variability of aircraft structures  
AFML-TR-69-65  
A4.2.3
989. Whittaker, I.C.; Saunders, S.C. (1972)  
Exploratory development on application of reliability analysis to aircraft structures considering interaction of cumulative fatigue damage and ultimate strength  
AFML-TR-72-283  
A4.2.3
990. Whittaker, I.C.; Saunders, S.C. (1973)  
Application of reliability analysis to aircraft structures subject to fatigue crack growth and periodic structural inspection  
AFML-TR-73-92  
A4.2.3
991. Widenhouse, W.C. (1970)  
Conditional nearly-best linear estimation of the location and scale parameters of the first extreme value distribution  
Air Force Inst. Techn., Ohio, GRE/MATH/70-7  
M3.2.4
992. Wilson, R.B. (1965)  
Two notes on estimating shape parameters of Weibull distribution  
Rand Corp. Santa Monica, Calif. (RG 917340)  
M3.2.5
993. Wilson, R.G. (1973)  
Reliability analysis of unpaced visual inspection tasks  
Army Missile Comm., Redstone Arsenal  
A5.2

994. Wilson, W.M.; Thomas, D.R. (1972)  
 Linear order statistic estimation for 2-parameter Weibull and extreme-value distribution from Type II progressively censored samples  
 Technometrics, 14, (3), 679  
 M3.2.4
995. Wingo, D.R. (1972)  
 Maximum likelihood estimation of the parameters of the Weibull distribution by modified quasilinearization  
 IEEE Trans. Reliab., R-21, (2), 89-93  
 M3.2.3
996. Wingo, D.R. (1973)  
 Solution of the three-parameter Weibull equations by constrained modified quasilinearization (progressively censored samples)  
 IEEE Trans. Reliab., R-22, (2), 96-102  
 M3.2.4
997. Wingo, D.R. (1975a)  
 MLE of Weibull parameters by quasilinearization  
 Reply.  
 IEEE Trans. Reliab., R-24, (2), 158  
 M3.2.3
998. Wingo, D.R. (1975b)  
 Solution of the three-parameter Weibull equations by constrained modified quasilinearization  
 IEEE Trans. Reliab., R-24, (1), 26  
 M3.2.4
999. Winner, A. (1971)  
 Problems in stress behavior of polycrystalline aluminum oxide at room temperature (Ph.D. thesis)  
 Tech. Hochsch. München (TI 386263)  
 A2.1.1.2.2
1000. Wirsching, P.H.; Yao, J.T.P. (1969)  
 Statistical methods in structural fatigue  
 ASCE, Nat. Struct. Engng. Meeting, Louisville, K.Y.  
 ASCE, Structural Division, J., 96, 1201-1219  
 A4.1
1001. Wright, M.A.; Intwala, B.D. (1973)  
 The effect of elevated temperature on the mechanical properties of B-Al composites  
 J. Materials Sci., 8, 957-963  
 A2.1.1.2.7

1002. Wright, M.A.; Wills, J.L. (1974)  
The tensile failure modes of metal-matrix  
composite materials  
J.Mech. & Phys. Solids, (GB), 22, (3), 161-175  
A2.1.1.2.7
1003. Yadav, R.P.S. (1974)  
Component reliability under environmental stress  
Microelectron & Reliab., (GB), 13, (6), 473-475  
A4.1
1004. Yampol: Skij, N.G.; Iejchkis, I.M.; Ajzen, A.M.;  
Gordash, YU. (1971)  
Utilisation des adjuvants dans la filtration  
des additifs pour huiles (En Russe)  
Neftekim (USSR), (5), 47-51  
A18
1005. Yanagisawa, T.; Takahisa, K.; Shiomi, H. (1975)  
Reliability of IC in thermal vacuum en-  
vironment  
Bull. Electrotech. Lab. (Japan), 39, (1,2), 80-86  
(In Japanese)  
A18
1006. Yang, I-N.; Knoell, A.C. (1972)  
Reliability of composite vessels and proof  
testing  
Coll. Struct. Reliab., Pittsburgh, Pa.  
Proc. (A73-14704 04-32)  
A2.1.1.2.7
1007. Yang, I.N.; Trapp, W.J. (1974)  
Joint aircraft loading, structure response  
statistics of time to service crack ini-  
tiation  
AFML-TR-74-174  
A4.2.3
1008. Yechiali, Uri. (1971)  
A note on a stochastic production-  
maximizing transportation problem  
Naval Res. Logist. Quart., 18, (3), 429-431  
A9.1
1009. Yokobori, T.; Ichikawa, M.; Fujita, F. (1974)  
A stochastic theory of fracture of solids  
containing a small number of macroscopic defects  
Rep. Res. Inst. Strength & Fract. Mater. (Japan),  
10, (1), 15-27  
A2.1.1.1

1010. Yokobori, T.; Sawaki, Y. (1973)  
A stochastic theory approach to fracture of  
solids combining micro-scopie and macroscopic  
variables  
Int.J.Fracture, 9, 55-57  
A2.1.1.1
1011. Young, S.K. (1975)  
A study on the impulse voltage break-down  
characteristics of heat-deteriorated poly-  
ethylene cables I.  
J.Korean Inst.Electr.Eng., 24, (1), 63-69  
(In Korean)  
A2.3
1012. Yurkowsky, W.; Cottrell, D.F.; Gagnier, T.R.;  
Rimball, E.W.; Kirejczyk, T.E. (1975)  
Nonelectronic reliability notebook --  
a discussion of failure modes, maximum likelihood  
estimates, and prediction analysis techniques  
in mechanical engng.  
Hughes Aircraft Co. Fullerton, Calif.  
A4.1
1013. Yurkowsky, W.; Schafer, R.E. (1965)  
Accelerated reliability test methods for  
mechanical and electromechanical parts  
Rome Air Developm.Center, ARDC-TR-65-46  
M1; A3.2; A4.2.1
1014. Zacks, S.; Fenske, W.J. (1973)  
Sequential determination of inspection epochs  
for reliability systems with general life  
time distributions  
Naval Res.Logist.Quart., 20, (3), 377-386  
A5.2
1015. Zanakis, S.H. (1976)  
Least square estimation of the three-parameter  
Weibull distribution via pattern search with  
transformations  
TIMS/ORSA Bull.(U.S.A.)  
M3.2.4
1016. Zanini, A. (1968)  
Application of the failure distribution function  
to the Eyring ageing model  
Sci.Soc.Telecommunication, Symp.Budapest, Hungary  
Proc.Vol.A.P.111-1 to 111-13, 111A to 111C  
A18



1017. Zavetsky, E.V.; Anderson, W.J. (1961)  
Rolling-contact fatigue studies with four tool  
steels and a crystallized glass ceramic  
J. Basic Engng. Trans. ASME, 83, (4), 603-612  
A4.2.2
1018. Zhigach, A.F.; Tsirlin, A.M.; Shohetilina, E.A.  
(1973)  
Mechanical properties of boron fibers (In  
Russian)  
Mekh. Polimerov, 641-647  
A2.1.1.2.6
1019. Zelen, M.; Damnemiller, M.C. (1961)  
The robustness of life testing procedures  
derived from the exponential distribution  
Technometrics, 3, (1), 29-49  
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5. Table of classified references

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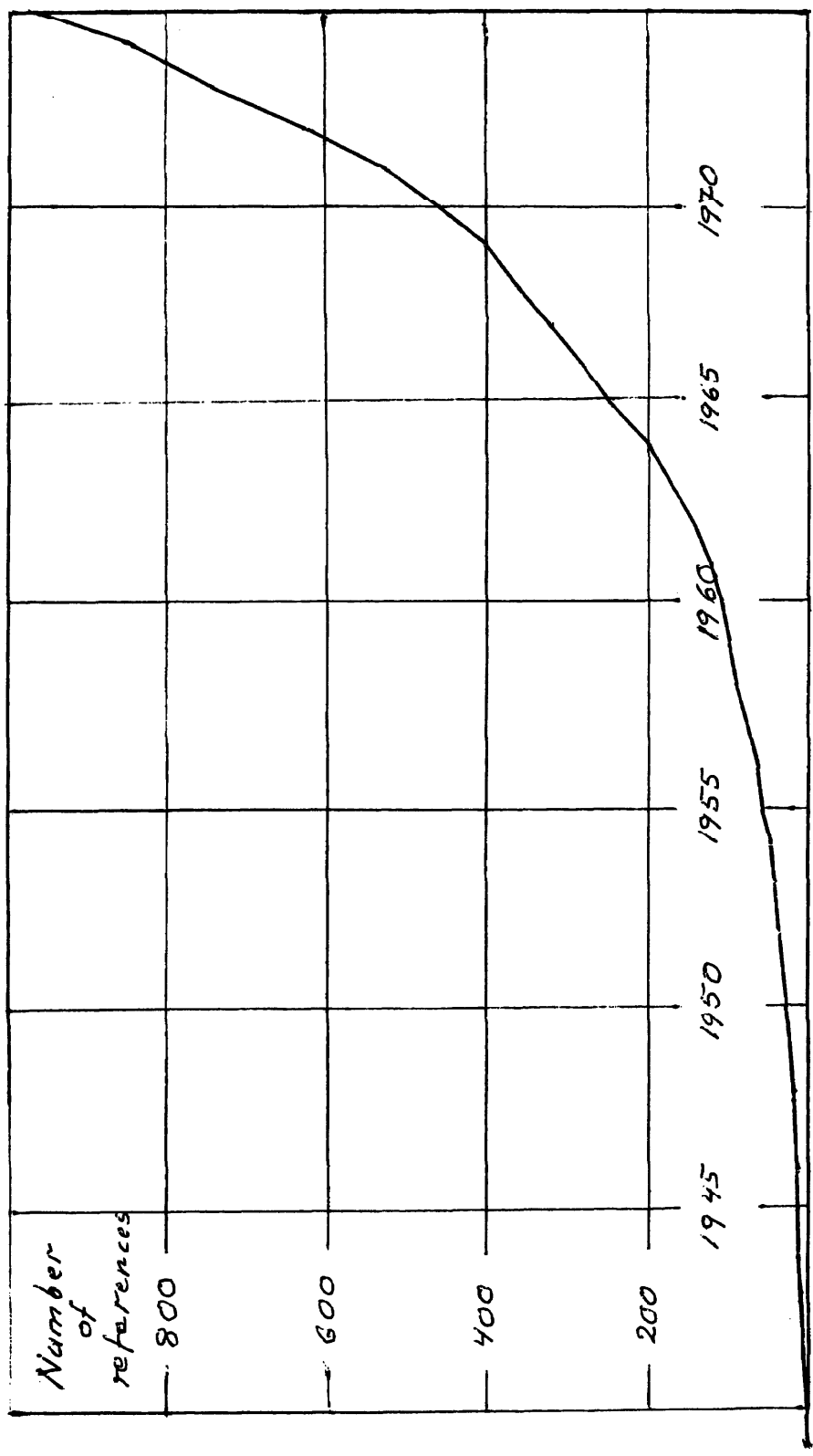


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A6.5 Length of Adult Males	1
<u>A7 Meteorology and seismology</u>	
A7.1 Wind profiles and extreme speeds	
179,289,290,291,336,443,444	7
A7.2 Probability of rainfall	
738	1
A7.3 Atmospheric pressure	
918	1
A7.4 Air pollution	
377,627	<u>2</u>
	1006

	1006
A7.5 Atmospheric radioactivity	
56,57	2
A7.6 Probability of earthquakes	
360,361	2
<u>A8 Acoustics</u>	
A8.1 Methods of acoustical fatigue testing	
112,498	2
A8.2 Automotive ignition noise	
420	1
<u>A9 Communications</u>	
A9.1 Transportation problems	
102,1008	2
A9.2 Queuing problems	1
A9.3 Radar detection	
100,265,335,474	4
<u>A10 Chemistry</u>	
A10.1 Chemical reactions, corrosion	
224	1
A10.2 Dissolution rates	
499	1
A10.3 Polymer molecular weights	
892	1
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	1023

	139
	1023
<u>All Economy</u>	
A11.1 Benefit-cost analysis	
617,618,639,854,855	5
A11.2 Business failures	
254	1
<u>A12 Medicine</u>	
A12.1 Carcinogenesis experiments	
706	1
A12.2 Incubation periods	
771	1
A12.3 Ageing of cells	
160	1
A12.4 Stability of drugs	1
<u>A13 Bacteriology</u>	
A13.1 Bacterial dilution counts	
23,293	2
A13.2 Bacterial suspensions exposed to heat, radioactivity, chemicals	
38,315	2
<u>A14 Accidents and risks</u>	
A14.1 Severity of accidents	
481	1
A14.2 Risk estimation	
213,858	2
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<u>A15 Application to industries</u>	
A15.1 Coatings industry	
39,412,413,416	4
A15.2 Instrument engineering	
88	1
A15.3 Chemical process plant	
978	1
<u>A16 Military activities</u>	
A16.1 The Lanchester combat theory	
A16.2 Experiments in army research	
A16.3 Military standards	
340,857	2
<u>A17 Human behavior</u>	
A17.1 Performance effectiveness	
629,743	2
A17.2 Motor unit action	
552	1
A17.3 Sensory response	
686	1
<u>A18 Miscellaneous</u>	
33,124,135,144,266,465,692,786,834, 886,1004,1005,1016	13
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	1065



6. The cumulative number of references as a function of time