

786. Schulz, R.B.; Southwick, E.A. (1974)  
Amplitude probability distribution measurements  
of V-8 ignition emanations  
IEEE Trans. Electromagn. Compat. (U.S.A.), EMC-16,  
(2), 63-70  
A18
787. Schutz, R.A. (1973a)  
Fatigue of textile fibers  
Hebd. Seances Acad. Sci. (France), 276, 939-942  
(In French)  
A2.1.2.2.8
788. Schutz, R.A. (1973b)  
New aspects of textile fiber wear  
C.P. Acad. Sci. Sec. C, 73, (276), 939-942  
A2.1.2.2.8
789. Schutz, R.A. (1975)  
Fatigue of polymeric materials application  
to textiles  
Cah. Groupe Fr. Rhevl. (France), 3, (6), 261-265  
(In French)  
A2.1.2.2.3
790. Sedlacek, R. (1965)  
Tensile strength of brittle materials  
AFML. TR-65-129  
A2.1.1.2.4
791. Sedlacek, R.; Jones, R.L. (1974)  
A study of properties and behavior of high  
temperature gas turbine materials  
Stanford Res. Inst., Menlo Park, Calif.  
A2.2
792. Serensen, S.V.; Streliaev, V.S.; Bolotnikow, B.I.  
(1972)  
Determination of rated strength characteristics  
of fiberglass in zones of stress concentration  
Strength of Materials, 4, (10), 1153-1159  
A2.1.1.2.6
793. Sessen, L. (1971)  
Weibull decreasing hazard rate, help or hoax  
IEEE Proc. Ann. Symp. Rd., Washington D.C., 4, (1)  
T1
794. Shahani, A.K.; Newbold, S.B. (1972)  
An inspection policy for the detection of failure  
in the Weibull case  
Qual. Eng. (GB), 36, (9), 8-10  
A5.2

795. Shahani, A.K.; Runford, A.G. (1973)  
Inspection policy for Weibull case  
Operat. Res., 24, (3), 453  
A5.2
796. Sheffield, T.S.; Schafer, B.E. (1976)  
Procedures for comparing two Weibull  
populations  
Technometrics, 18, (2), 231  
M2
797. Shelmutt, J.W. (1966)  
Conditional linear estimation of the scale  
parameter of the extreme-value distribution by  
the use of selected-order statistics (M.S. thesis)  
Air Force Inst. Tech., Ohio  
M3.2.4
798. Shicmi, H. (1975)  
Stress-strength model and approximate Weibull  
Shape parameter  
Bull. Eletrotech. Lab. (Japan), 39, (1,2), 92-97  
A2.1.1.1
799. Shimokawa, T. (1974)  
Conditions required to satisfy Miner's hypo-  
thesis under statistical consideration (In  
Japanese)  
Nat. Aerospace Lab. Tokyo (Japan), NAL-TR-370  
A2.1.2.1
800. Shinozuka, M.; Yang, J.N. (1971)  
Peak structural response to non-stationary  
random excitations  
ASME Structures, Structural Dynamics and Mate-  
rials Conf. Anaheim, Calif. 1971  
A4.2.1
801. Schueller, G.I.; Freudenthal, A.M.  
Scatter factor and reliability of aircraft  
structures  
NASA-CR-2100  
A4.2.3
802. Shur, D.M. (1972)  
Statistical criteria of ultimate strength and  
plasticity of materials in the complex stress  
state  
Strength of Materials, 4, (1), 784-790  
A2.1.1.1

803. Shorack, G.R. (1972)  
The best test of exponentiality against Gamma  
alternatives  
J. Amer. Statist. Ass., 67, 213-214  
M2
804. Shuckhmin, I.U.A. (1968)  
Accelerated methods for determining the  
fatigue limit of light alloys  
Zavodskain Lab., 34, 90-93  
A3.2
805. Simkins, D.J. (1972)  
Weibull, Bayes and entropy  
Ann. Reliab. & Maintainab. Symp., San Francisco  
Proc. (A72-23972 10-15)  
T1
806. Simoni, L. (1973)  
Ageing theory of engineering materials  
Alta Frequenza (English Edition), 41, 501-510  
A2.1.2.1
807. Simoni, L.; Pattini, G. (1975)  
A new research into the voltage endurance of  
solid dielectrics, for power cables  
IEEE Trans. Electr. Insul. EI-10, (1), 17-27  
A2.3
808. Sinclair, G.M.; Dolan, T.J. (1953)  
Effect of stress amplitude on statistical vari-  
ability in fatigue life of 75S-T6 aluminum  
alloy  
Trans. ASME, 867-872  
A2.1.2.1
809. Sinclair, G.M.; Withrow, S.P. (1967)  
Environmentally assisted crack growth in glass  
Naval Res. Lab., Washington D.C. (NS999791)  
A2.1.2.2.4
810. Singer, R.I. (1964)  
-  
Text. Res. J., 34, 5-10  
A2.1.2.2.8
811. Singh, N.; Iwin, T.; Cunningham, L.A. (1973)  
On prediction problems in reliability  
Microelectronics and Reliability, 12, 451-457  
A4.1

812. Singpurwalla, N.D. (1971a)  
A problem in accelerated life testing  
J. Amer. Statist. Ass., 66, 841-845  
A3.2
813. Singpurwalla, N.D. (1971b)  
Inference from accelerated life tests when  
observations are obtained from censored samples  
Technometrics, 13, (1), 161-170  
A3.2
814. Singpurwalla, N.D. (1971c)  
Statistical fatigue models - A survey  
IEEE Trans. Reliab., R-20, 185-189  
A2.1.2.1
815. Singpurwalla, N.D. (1972a)  
Statistical failure models - A survey  
Coll. Struct. Reliab., Pittsburgh, Pa,  
Proc. (A73-14704 04-32)  
A2.1.2.1
816. Singpurwalla, N.D. (1972b)  
Accelerated life testing; A survey of deve-  
lopment  
Proc. 1972 NATO Conf. on Reliab. Testing and  
Reliab. Evaluation VII - D-1 to VII-D-15  
A3.2
817. Singpurwalla, N.D. (1973)  
Inference from accelerated life tests using  
Arrhenius type re-parameterizations  
Technometrics, 15, (2), 289-299  
A3.2
818. Singpurwalla, N.D. (1974)  
Estimation of the join point in a retero-  
scedastic regression model arising in ac-  
celerated life tests  
Comm. Statist., 3, (9), 853-863  
A3.2
819. Singpurwalla, N.D. (1975)  
Annotated bibliography on some physical models  
in accelerated life testing and models for  
fatigue failure  
ARL-TR-75-0158  
A3.2

820. Singpurwalla, N.D. (1976a)  
Time series analysis and forecasting of failure  
rate processes  
Reliab. and Fault Tree Analysis  
A3.1
821. Singpurwalla, N.D. (1976b)  
Accelerated life testing and related topics  
AFFDL-TR-76-71  
A3.2
822. Singpurwalla, N.D.; Al-Khayyal, F.A. (1975)  
Inference from accelerated life tests using  
the inverse power law model  
Office Naval Res., Arlington, Jun 75  
A3.2
823. Singpurwalla, N.D.; Castellino, V.F.;  
Goldschen, D.Y. (1975)  
Inference from accelerated life tests using  
Eyring type re-parameterizations  
Naval Res. Logist. Quart.  
A3.2
824. Smith, C.F. (1972)  
Fatigue failure distributions for ball  
bearings  
ASME and ASLE, Internat. Lubrication Conf.,  
New York  
A4.2.2
825. Smith, F.M. (1975)  
A study of some life testing distributions  
Missouri Univ., Rolla (Ph.D. Thesis)  
Microfilm Order No. 75-22310  
A3.1
826. Smitz, E.K.; Metcalfe, A.G. (1967)  
-  
Mater. Res. Stand., 7, 146  
A2.1.1.2.4
827. Soanes, R.W. Jr. (1970)  
A simple stochastic replacement model  
Watervliet Arsenal, New York, Jun 70  
A5.1

828. Soland, R.M. (1968a)  
Renewal functions for Gamma and Weibull  
distributions with increasing hazard rate  
Research Analysis Corp., Mc Lean, Va (RR 033020)  
A5.1
829. Soland, R.M. (1968b)  
Bayesian analysis of the Weibull process with  
unknown scale parameter and its application to  
acceptance sampling  
IEEE Trans. Reliab., R-17, 84-90  
M3.2.5
830. Soland, R.M. (1969)  
Bayesian analysis of the Weibull process with  
unknown scale and shape parameters  
IEEE Trans. Reliab., R-18, 181-184  
M3.2.5
831. Sommerfeld, R.A. (1973)  
The bulk tensile strength of snow  
EOS Trans. Am. Geophys. Union (U.S.A.), 54, (4), 16-20  
A2.1.1.2.10
832. Sommerfeld, R.A. (1974)  
A Weibull prediction of the tensile strength-  
volume relationship of snow  
J. Geophys. Res. (U.S.A.), 79, (23), 3353-3356  
A2.1.1.2.10
833. Soseliia, G.G. (1974)  
Theoretical fatigue life distribution in fiber-  
glass reinforced plastics (In Russian)  
Akademija Nauk Gruzinskri SSR.,  
Soobshcheniia, 74, 129-132  
A2.1.2.2.7
834. Southwick, E.A.; Schulz, R.B. (1974)  
A method to evaluate the degradation effects of  
impulsive interference  
Int. Conf. Communications, Jun 74, Minneapolis, Minn.  
A18
835. Springer, M.D.; Thompson, W.E. (1969)  
Bayesian confidence limits for system reliability  
Ann. Assurance Sci., 515-523  
M3.2.5

836. Srivastava, T.N. (1974)  
Life tests with periodic change in the scale parameter of a Weibull distribution  
IEEE Trans. Reliab., R-23, 115-116  
A3.1
837. Stacy, E.W. (1962)  
A generalization of the Gamma distribution  
Ann. Math. Stat. 33, 1187-1192  
T1
838. Stacy, E.W.; Mihram, G.A. (1965)  
Parameter estimation for a generalized Gamma distribution  
Technometrics, 7, 349-358  
T1
839. Stapelton, J.H.; Sahran, A.E.; Greenberg, B.D. (1959)  
A method for determining distribution-free tolerance regions with application to the Weibull distribution  
81st Meet. Inst. Math. Stat., Michigan  
M3.3
840. Starsman, R.E. (1972)  
The composite Weibull distribution - a useful tool for failure analysis  
26th Ann. Tech. Conf. Amer. Soc. Quality Contr., May 72, Washington D.C.  
T1
841. Steenov, M.N. (1965)  
Distribution of service lives obtained by fatigue testing light alloys  
Zavodskaja Lab., 31, 349-354  
A2.1.2.2.2
842. Steenov, M.N. (1966)  
About the appraisal of probability of destruction during fatigue tests  
Air Force Systems Command, WPAFB, Ohio (AI 773273)  
A2.1.2.1
843. Steiger, F.H. (1971)  
Practical applications of the Weibull distribution function  
Chem. Technol. (Apr), 225-231  
A1

844. Steinhardt, O.; Kosteas, D. (1972)  
Fatigue strength of welded aluminum-connections. - Investigations with the aid of multiparameter life length lines (In German)  
VDI-Z, 114, (11), 805-809  
A2.1.2.2.2
845. Stevens, R. (1974)  
Strength and fracture mechanisms in beta-alumina  
J. Mater. Sci. (GB), 9, (6), 934-940  
A2.1.1.2.2
846. Steverding, B. (1971)  
Size effect for dynamic fracture  
Mater. Sci. Eng. (Netherlands), 7, (6), 342-347  
A2.1.2.1
847. Stewart, R. G. (1969)  
Causal approach to reliability  
Ann. Symp. Reliab., Chicago 1969  
Proc. 91-99 (A69-34476 18-15)  
A4.1
848. Streft, K. N.; Ferte, J. P. (1975)  
On the strength-length dependence of boron fibres  
Internat. Conf. Composite Mat., Geneva,  
Proc. 1, (A77-15260 04-24)  
A2.1.1.2.6
849. Strommel, J. A. (1974)  
A new look at metal fatigue  
Machine Design, 46, 126-131  
A2.1.2.1
850. Stoy, D. G. (1964)  
Reliability analysis of non-electronic components using Weibull, Gamma, and Log-normal distributions  
Air Force Inst. Tech., Ohio, (AI 174479)  
A4.2.5
851. Stump, P. B. (1968)  
Nearly best linear unbiased estimation of the location and scale parameters of the Weibull probability distribution by the use of order statistics  
Air Force Inst. Tech., Ohio, (AI 174479)  
M3.2.4

852. Sugiyama, K.; Sanada, T. (1974)  
AC life characteristics of polyethylene  
(In Japanese)  
Dainishi-Nippon Cables Rev. (Japan), 58, 29-36  
A2.1.2.2.3
853. Summerlin, W. T. (1964)  
Reliability testing and assessment  
Nat. Symp. Reliab. & Qual. Contr., Washington, D. C.  
A4.1
854. Sutherland, W. (1971)  
Adding cost estimates that are not symmetric  
about the most likely value  
Res. Anal. Corp. Mc Lean VA. Apr 71  
A11.1
855. Sutherland, W. H. (1972)  
A method for combining asymmetric three-value  
predictions of time or cost  
Res. Anal. Corp. Mc Lean, Va, Jul 72  
A11.1
856. Swanson, S. R. (1960)  
A two-distribution interpretation of fatigue  
S-N data  
Canadian Aeronaut. J., 6, (6), 221-223  
M3.2.6; A2.1.2.1
857. Swartz, D. A.; Mc Nichols, R. J. (1973)  
A sensitivity analysis of military standard -  
471 test method three  
Army Mater. Command. Texarkana, Mar 73  
A16.3
858. Swartz, G. B.; Murthy, V. K. (1972)  
Minimum risk estimators with applications  
ARL-73-0216  
A14.2
859. Swartz, G. B.; Murthy, V. K. (1975)  
Estimation of Weibull parameters from 2-order  
statistics  
J. Roy. Sta. B., 37, (1), 96  
M3.2.4
860. Tadikamalla, P. R. R. (1976)  
Modeling and generating inputs for simulating  
studies -- computerized simulation and mathe-  
matical models (Ph. D. thesis)  
Iowa Univ. Microfilm Order No. 76-2192  
M3.1

861. Takahisa, K.; Shiomi, H. (1975)  
Influence of temperature fluctuation on Weibull estimator for a component with a Weibull life distribution  
Bull. Electrotechn. Lab. (Japan), 39, (1,2), 49-62  
(In Japanese)  
A4.2.1
862. Talreja, R.; Weibull, W. (1977)  
Probability of fatigue failure based on residual strength  
Tech. Univ. Denmark, Rep. No. 117  
A2.1.2.1
863. Tamuzh, V.P.; Tikhomirov, P.V. (1973)  
Lifetime analysis with allowance for bond stress distribution  
Mekh. Polim (USSR), 9, (2), 227-231, 200-203  
A3.1
864. Tangen, K.O.; Skar, J.P.; Amundsen, F. (1975)  
Estimation of life time based on short time tests with linearly rising stress  
1975 Dielectric Mater. Conf., Cambridge (England)  
A3.1
865. Tariyal, B.K.; Kalish, D. (1976)  
Application of Weibull-type analysis to the strength of optical fibers  
Mat. Sci. and Engng. 27, 69-71  
A2.1.1.2.6
866. Tate, R.F. (1959)  
Unbiased estimation: Functions of location and scale parameters  
Ann. Math. Stat. 30, 341-366  
M3.2.4
867. Thiagarajan, T.R. (1975)  
Some new results in the statistical analysis of stochastic processes  
George Washington Univ. Dissertation  
Order No. 75-14336  
M1.1
868. Thiagarajan, T.R.; Harris, C.M. (1976)  
A ratio-type goodness-of-fit test for 2-parameter Weibull distribution  
IEEE Trans. Reliab. R-25, (5), 340-343  
M1.1

869. Thoman, D.R.; Bain, L.J. (1969)  
Two sample tests in the Weibull distribution  
Technometrics, 11, 805-815  
M2
870. Thoman, D.R.; Bain, L.J.; Antle C.E. (1969)  
Inferences on the parameters of the Weibull  
distribution  
Technometrics, 11, (3), 445-460  
M3.2.3
871. Thoman, D.R.; Bain, L.J.; Antle, C.E. (1970)  
Maximum Likelihood Estimation, Exact Confidence  
Intervals for Reliability and Tolerance Limits  
in the Weibull Distribution  
Technometrics, 12, (2), 363-372  
M3.2.3; M3.3
872. Thoman, D.R.; Wilson, W.M. (1972)  
Linear order statistic estimation for the two-  
parameter Weibull and extreme-value distributions  
from Type II progressively censored samples  
Technometrics, 14, (3), 679-691  
M3.2.4
873. Thompson, J.A. (1975)  
Normal characteristics of the Weibull order  
statistic distribution  
Army Mat. Comm. Texarkana, Mar 75  
T2.1
874. Thomson, R.F. (1963)  
Fatigue behavior of high-carbon high-hardness  
steels  
Trans. ASM., 56, 803-833  
A2.1.2.2.1
875. Tittes, E. (1973a)  
The evaluation of test results with the aid of  
the Weibull distribution  
Bosch Techn. Berichte, 4, (4), 146-158  
M3.2.1
876. Tittes, E. (1973b)  
Ueber die Auswertung von Versuchsergebnissen  
mit Hilfe der Weibull-Verteilung  
Qual. & Zuverlässigkeit (Germany), 18, (5), 108-113  
M3.2.1

877. Trumpfheller, R.C. (1972a)  
A statistical analysis of some estimators of reliability  
Nav. Postgrad. School, Monterey, Mar 72  
M3.2.3
878. Trumpfheller, R.C. (1972b)  
A statistical analysis of some estimators of reliability (Master's thesis)  
Naval Postgraduate School, Monterey, Calif.  
M3.4; A4.1
879. Tsokos, C.P. (1972a)  
A Bayesian approach to reliability theory and simulation  
Proc. 1972 Ann. Reliab. & Maintainability Symp.  
San Francisco, Calif.  
M3.2.5
880. Tsokos, C.P. (1972b)  
Bayesian approach to reliability using the Weibull distribution with unknown parameters and its computer simulation  
Rep. Stat. Appl. Res. UISE (Japan), 19, (4), 1-12  
M3.2.5
881. Tsokos, C.P.; Canavos, G.C. (1972)  
Bayesian concepts for the estimation of reliability in the Weibull life-testing model  
Intern. Statist. Rev. (GB), 40, (2), 152-160  
M3.2.5
882. Tsokos, C.P.; Canavos, G.C. (1973)  
Bayesian estimation of life parameters in Weibull distribution  
Operat. Res., 21, (3), 755  
M3.2.5
883. Tsokos, C.P.; Papadopoulos, A.G. (1975)  
Bayesian confidence bounds for Weibull failure model  
IEEE Reliab., R-24, (1), 21  
M3.2.5
884. Tsokos, C.P.; Rao, A.N.V. (1976a)  
Robustness studies for Bayesian development in reliability  
AFOSR-TR-76-0108  
M3.2.5

885. Tsokos, C.P.; Rao, A.N.V. (1976b)  
Bayesian analysis of the Weibull failure model  
under stochastic variation of the shape and  
scale parameters  
AFOSR-TR-76-0110  
M3.2.5
886. Tsukada, T.; Anno, Y.; Kamahora, P. (1972)  
An analysis of the deformation of contacting  
rough surfaces. II. Estimation of the initial  
contact positions  
Bull. ISME (Japan), 15, (86), 989-985  
A18
887. Tsumoto, M.; Iwata, M. (1975)  
An application of the Weibull distribution to  
impulse breakdown of cross-linked poly-  
ethylene power cable  
Fujikura Tech. Rev. (Japan), (7), 19-22  
A2.3; A4.2.5
888. Tsumoto, M.; Okiai, R. (1974)  
A new application of Weibull distribution to  
impulse breakdown of oil-filled cable  
IEEE Trans. Power Appr. & System (U.S.A.)  
PAS-93, (1), 360-366  
A2.3; A4.2.5
889. Tucker, J. Jr. (1941)  
Statistical theory of the effect of dimensions  
and of methods of loading upon modulus of rupture  
of beams  
Proc. ASTM, 41, 1072  
A2.1.1.1
890. Tucker, J. Jr. (1945a)  
Effect of dimensions of specimens upon the  
precision of strength data  
Proc. ASTM, 45, 952  
A2.1.1.2.11
891. Tucker, J. Jr. (1945b)  
Effect of length on the strength of compression  
test specimens  
Proc. ASTM, 45, 976  
A2.1.1.2.11
892. Tung, L.H. (1967)  
-  
Polymer Fractionation Cantow (Ed.)  
Academic Press, New York, 382-386, 405-409  
A10.3

893. Tyurin, V.P. (1975)  
Nomogram for determining the reliability indices  
for a Weibull distribution  
Ind. Lab. (U.S.A.), 41, (5), 585-589, 718-722  
M3.2.1; A4.1
894. Uhlmann, W. (1967)  
Statistical estimation methods for fatigue  
experiments - An introduction (In German)  
Deutsch. Versuchsanst. Luft u Raumfahrt, Mühlheim  
a.d. Ruhr, West-Germany  
A2.1.2.1
895. Uji, T.; Kanazashi, M. (1972)  
Deterioration of various plastics by internal  
discharge  
J. Inst. Electr. Eng. Jap. (Japan), 92, (1), 55-65  
(In Japanese)  
A2.3
896. Ustinov, L.M.; Shorshorov, M.KH.;  
Kuznetsov, I.U.G. (1975a)  
Optimum reinforcement of metallic matrix by  
discontinuous fibers  
Internat. Conf. Composite Mat.: Geneva.  
Proc. Vol. 1. (A77-15260 0424), New York  
A2.1.1.2.7
897. Ustinov, L.M.; Shorshorov, M.KH.;  
Kuznetsov, I.U.G. (1975b)  
Optimal reinforcing of metal matrices with  
brittle fibers  
Akad. Nauk SSSR, Doklady, 220, 1074-1076  
A2.1.1.2.7
898. Vardar, Ö. (1975)  
Fracture of brittle solids under multi-axial  
and dynamic loading (Ph.D. thesis)  
Calif. Univ., Berkeley, (CC 787610)  
A2.1.1.2.4; A2.1.2.2.4
899. Vardar, Ö.; Finnie, J. (1975)  
Analysis of the Brazilian disk fracture test  
using the Weibull probabilistic treatment of  
brittle strength.  
Int. J. Fract., 11, (3), 485-508  
A2.1.1.2.4
900. Vasco d. Costa, F. (1948)  
Notions of probability in the study of struc-  
tures' safety (In French)  
Int. Ass. Bridge and Struct. Engng. 3 Congr.  
A4.1

901. Velandar, E. (1943)  
Statistische Betrachtung der Streuung von  
Bruchfestigkeitswerten  
VDI-Zetischr., 87, (45)46), 732-733  
A2.1.1.1
902. Vljakovic, S; Kapor, S.; Dubljevic, B.;  
Kolaranic, L. (1975)  
Weibull distribution and kinetics of hetero-  
geneous process  
J.Chem.Phys., 63, (2), 663  
T1
903. Virene, E.P. (1965)  
Reliability determination by the nonparametric  
method  
New Dimens.Space Tech., Space Congr., Cocoa  
Beach, Fla., Proc. (A65-23599 13-31)  
A4.1
904. Virene, E.P. (1972)  
The Kolmogorov-Smirnov test for goodness of fit  
applied to failure frequency distribution  
26th Ann.Tech.Conf.Quality Contr.May 72  
M1.2
905. Vituv, Z. (1974)  
Experience gained from statistical testing of  
fatigue lives of model samples (In Czech)  
Zpravodaj Vzlu, 1, 27-31  
A2.1.2.1
906. Volodin, I.N. (1974)  
Discrimination des distributions Gamma et de  
Weibull (En Russe)  
Teor.Verojat.Primen.(USSR), 19, (2), 398-404  
M2
907. van Wagner, F.R. (1964)  
Case studies of the decreasing failure rate  
phenomena in mixed populations  
IEEE Trans.Comp.Parts, CP-11, 258-273  
M3.2.6; A2.1.2.1
908. Wagner, R.H. (1964)  
Radiation tolerant startup controller for Snap  
LOA  
IEEE Trans.Nucl.Sci., NS-12, 126-132  
A4.2.3

909. Wagner, G.R.; Mischke, C.R. (1973)  
Cycles-to-failure and stress-to-failure Weibull  
distributions in steel wire fatigue  
Proc. 1973 Ann. Realiab. & Maintainab. Symp.,  
Philadelphia Jan 73  
A2.1.2.2.1
910. Wallis, J.R.; Matalas, N.C.; Slack, J.R. (1974)  
Just a moment. Article and appendix of graphs  
Water Resources Res., 10, (2)  
T2.1
911. Walter, J.P. (1969)  
Bayesian statistical model theory for mechanical  
systems  
Atomics Intern., Canoga Park, Calif. Aug 69  
M3.2.5
912. Wattier, J.B.; Lemon, G.H. (1976)  
Confidence and A and E allowable factors for  
Weibull distribution  
IEEE Trans. Reliab., 25, (1), 16  
M3.3
913. Wang, Y.H. (1976)  
Functional-equation and its application to  
characterization Weibull and stable distribu-  
tions  
J. Appl. Prob., 13, (2), 385  
T1
914. Webb, J.W. (1962)  
-  
Trans. 16th Ann. Conv. Amer. Soc. Qual. Contr., 271-285  
M3.2.4
915. Weibull, H.W. (1946)  
Töjningslack (In Swedish)  
Tekn. Tidskr. (38), 4-6  
A2.1.1.2.4
916. Weibull, W. (1939a)  
A statistical theory of strength of materials  
I.V.A.-Handl. No. 151  
T1; A2.1.1.1
917. Weibull, W. (1939b)  
The phenomenon of rupture in solids  
I.V.A.-Handl. No. 153  
T1; A2.1.1.1
918. Weibull, W. (1939c)  
Barometric heights at Greenwich 1848-1926  
(In Swedish)  
Svenska Vattenkraftsför. Publ. 325 (1939:b) 112-115  
A7.3

919. Weibull,W.(1946)  
Influence of the volume on the fatigue strength  
(in Swedish)  
I.V.A.,(2),62-64  
A2.1.2.1
920. Weibull,W.(1949a)  
A statistical analysis of the size of Cyrtoida  
in Albatross cores from the East Pacific Ocean  
Nature,164,1047-1948  
A6.3
921. Weibull,W.(1949b)  
A statistical representation of fatigue failures  
in solids  
Trans.Roy.Inst.Techn.,Stockholm,No.27,  
AMR 3,Rev.1098  
A2.1.2.1
922. Weibull,W.(1950)  
Statistical viewpoints on the fatigue strength  
(in Swedish)  
Tekn.Tidskr.,80,1059-1064, AMR 4,Rev.2045  
A2.1.2.1
923. Weibull,W.(1951)  
A statistical distribution function of wide  
applicability  
J.Appl.Mech.,18,293-297  
A1
924. Weibull,W.(1952a)  
Statistical planning of fatigue tests  
(in Swedish)  
Tekn.Tidskr.,82,(7),157-161, AMR 6,Rev.4  
A2.1.2.1
925. Weibull,W.(1952b)  
Statistical design of fatigue experiments  
J.Appl.Mech.,19,(1),109-113, AMR 5, Rev.3103  
A2.1.2.1
926. Weibull,W.(1952c)  
A survey of statistical effects in the field  
of material failure  
Appl.Mech.Rev.,5,(11),449-451  
T1; A2.1.1.1

927. Weibull,W.(1952d)  
The statistical aspect of fatigue failure and  
its consequences  
Symp.Fatigue & Fract.,MIT,.182-196  
A2.1.2.1
928. Weibull,W.(1953)  
Scatter in fatigue tests  
SecondICAF Conf.,Stockholm,App.2  
A2.1.2.1
929. Weibull,W.(1954a)  
The propagation of fatigue cracks in light-  
alloy plates  
SAAB TN 25  
A2.1.2.1
930. Weibull,W.(1954b)  
A new method for the statistical treatment  
of fatigue data  
SAAB TN.No.2  
A2.1.2.1
931. Weibull,W.(1954c)  
The static strength and the fatigue strength  
of riveted, spotwelded and Redux-bonded joints  
in 24S-T aluminum alloy sheet  
SAAB,TN 31  
A4.2.1
932. Weibull,W.(1955a)  
Scatter in fatigue life of 24S-T alclad speci-  
mens with drilled holes  
SAAB-TN-32  
A2.1.2.2.2
933. Weibull,W.(1955b)  
New methods for computing parameters of  
complete and truncated distributions  
FFA.Rep.58  
M3.2.4
934. Weibull,W.(1955c)  
Scatter in fatigue life of 24S-T Alclad  
plates  
Third ICAF Conf.,Cranfield,App.4  
A2.1.2.2.2
935. Weibull,W.(1955d)  
The propagation of fatigue cracks in light-  
alloy plates  
Third ICAF Conf.,Cranfield,App.3  
A2.1.2.2.2

936. Weibull,W.(1955e)  
Static strength and fatigue properties of  
threded bolts  
FFA Rep.59  
A4.2.1
937. Weibull,W.(1956a)  
Basic aspects of fatigue  
Stockholm Coll.,289-298  
A2.1.2.1
938. Weibull,W.(1956b)  
Effect of crack length and stress amplitude on  
the growth of fatigue cracks  
FFA Rep.65  
A2.1.2.1
939. Weibull,W.(1956c)  
Static strength and fatigue properties of  
unnotched circular 75S-T specimens subjected  
to repeated tensile loading  
FFA Rep.68; Aero.Engng.Rev.,2,(2),142-142  
A2.1.1.2.2; A2.1.2.2.2
940. Weibull,W.(1956d)  
Scatter of fatigue life and fatigue strength  
in aircraft structural materials and parts  
Columbia Conf.,126-145  
A4.2.3
941. Weibull,W.(1956e)  
Scatter of fatigue life and fatigue strength  
of aircraft materials  
Fourth ICAF Conf.Zurich,Dec 94  
A4.2.3
942. Weibull,W.(1957a)  
Statistical handling of fatigue data and  
planning of small test series  
FFA Rep.69  
A2.1.2.1
943. Weibull,W.(1957b)  
History of service simulated load spectrum  
fatigue testing  
U.S.Air Force Contr.AF61(514)-944  
A4.2.3

944. Weibull,W.(1957c)  
Scatter of fatigue life and fatigue strength  
in aircraft structural materials and parts  
FFA Rep.73  
A4.2.3
945. Weibull,W.(1957d)  
Comments and proposals in relation to the  
bibliography and classification of fatigue  
tests and test data  
AGARD Rep.1957  
A2.1.2.1
946. Weibull,W.(1958a)  
Remarques sur le dommage cumulatif de fatigue  
Rev.Métall.,55, (8),778-784  
A2.1.2.1
947. Weibull,W.(1958b)  
Research on statistical evaluation of data  
from small test series  
WADC-TR-58  
M3.1
948. Weibull,W.(1958c)  
Comments on the statistical evaluation of data  
from fatigue tests  
8th General Assembly,AGARD,NATO,Köpenhamn  
M3.1
949. Weibull,W.(1959a)  
Zur Abhängigkeit der Festigkeit von der  
Probengrösse (In German)  
Ing.Arch.,Grammel-Festschrift  
A2.1.1.1
950. Weibull,W.(1959b)  
The efficiency of a fatigue test  
6th ICAF Conference , Amsterdam  
A2.1.2.1
951. Weibull,W.(1959c)  
Statistical evaluation of data from fatigue and  
creep-rupture tests.Part I. Fundamental concepts  
and general methods  
WADC Tech.Rep.59-400.  
M3.1