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LIST OF FT PUBLICATIONS

Major facet-theoretical publications are in **bold print**

I. Books

- 1 Shye, S. (1995). *Distributive Justice: A Faceted Systemic Theory*. Jerusalem: IIASR and (in press) Dordrecht, Holland: Kluwer Academic Publishers.
- 2 Borg, I. & Shye, S. (1995). *Facet Theory: Form and Content*. Thousand Oaks, CA: Sage.
- 3 **Shye, S. & Elizur, D. (1994). *Introduction to Facet Theory: Content Design and Intrinsic Data Analysis in Behavioral Research*. Newbury Park, CA: Sage.**
- 4 Shye, S. (ed.) (1991). *Facet Theory and Its Applications*. Jerusalem: Megamot, 33(3-4). A special issue in memory of Louis Guttman, 1991. (Hebrew, with abstracts in English).
- 5 **Shye, S. (1985). *Multiple Scaling: The Theory and Application of Partial Order Scalogram Analysis*. Amsterdam: North Holland, 1985. [Reviews](#)**
- 6 **Shye, S. (ed.) (1978). *Theory Construction and Data Analysis in the Behavioral Sciences*. San Francisco: Jossey-Bass. (A Volume in honor of Louis Guttman).**

II. Articles, Book Chapters and Encyclopedia Entries

- 1 Shye, S. (2014). Volunteering, Theory-Based Account. In: Michalos AC (Ed.). *Encyclopedia of Quality of Life and Well-Being Research*. Dordrecht, Netherlands: Springer, pp 6977-6985.
- 2 Shye, S. (2014). Systemic Quality of Life Model (SQOL). In: Michalos AC (Ed.). *Encyclopedia of Quality of Life and Well-Being Research*. Dordrecht, Netherlands: Springer, pp 6569-6575.
- 3 Shye, S. (2014). Multiple Scaling. In: Michalos AC (Ed.). *Encyclopedia of Quality of Life and Well-Being Research*. Dordrecht, Netherlands: Springer, pp 4210-4215.
- 4 Shye, S. (2014). Faceted Smallest Space Analysis (Faceted SSA; FSSA). In: Michalos AC (Ed.). *Encyclopedia of Quality of Life and Well-Being Research*. Dordrecht, Netherlands: Springer, pp 2129-2134.
- 5 Shye, S. (2014). Faceted Action System Theory (FAST). In: Michalos AC (Ed.). *Encyclopedia of Quality of Life and Well-Being Research*. Dordrecht, Netherlands: Springer, pp 2119-2126.
- 6 Benish-Weisman, M. & Shye, S. (2011). Life quality of Russian immigrants to Israel: patterns of success and of unsucces. *Social Indicators Research Volume 101*, (3) 461-479.
- 7 Shye, S. (2010). The Motivation to Volunteer: A Systemic Quality of Life Theory *Social Indicators Research, Vol. 98, No. 2. pp. 183-200, doi:10.1007/s11205-009-9545-3*
- 8 Shye, S. (2009). Partial Order Scalogram Analysis by Coordinates (POSAC) as a facet theory measurement procedure: How to do POSAC in four simple steps. In A. Cohen (ed.). *Facet Theory and Scaling*. FTA publications. (Based on the 11th FTC, Philadelphia, 2007).
- 9 Atre, J., Shye, S. & Katz E. (2009). Reaching for the remote: Understanding television viewership using Smallest Space Analysis. In A. Cohen (ed.). *Facet Theory and Scaling*. FTA publications. (Based on the 11th FTC, Philadelphia, 2007).
- 10 Shye, S. (2009). From the circumplex of political attitudes to the radex of universal values: the development of the systemic top-down approach to value research. In D. Elizur & E. Yaniv (eds.) *Theory construction and multivariate analysis: applications of facet approach*. FTA publications. (Based on the 12th FTC, Jerusalem).
- 11 Shye, S. (2008). Guttman scale. In Paul J. Lavrakas (Ed.), *Encyclopedia of Survey Research Methods*. Thousand Oaks, CA: Sage.
- 12 Dahan, M., Dvir, E. Mironichev, N. & Shye, S. (2003). Have educational gaps in Israel narrowed? On factors affecting eligibility for matriculation certificate. *Israel Economic Review* 2: 37-69 (2003). A related paper was published (2002) in *Rivon Lekalkala*, 49 (1).
- 13 Shye, S., Canter, D. & Shalev, K. (2001). Serial rapist crime scene behavior: Multiple scaling by POSAC/LSA. In D. Elizur (ed.) *Facet Theory*:

Integrating Theory Construction with Data Analysis. Prague: Matfyzpress, 2001. (Based on the 8th FTC).

- 14 Shye, S. & Goldzweig, G. (2001). Up and down the FT ladder: POSAC/LSA of facet theory course final exam. In D. Elizur (ed.) *Facet Theory: Integrating Theory Construction with Data Analysis*. Eighth Facet Theory Conference, Prague: Matfyzpress, 2001). (Based on the 8th FTC).
- 15 **Shye, S. Facet Theory. Encyclopedia of Statistical Sciences, Update, Vol. 3. New York: Wiley, 1999, 231-239.**
- 16 Shye, S. & Goldzweig G. (1999) Creativity as an extension of intelligence: faceted definition and structural hypotheses. *Megamot*, 40, (1) 31-53.
- 17 Poreh, A. & Shye, S. (1998). Examination of the global and local features of the Rey Osterrieth Complex Figure using Faceted Smallest Space Analysis. *The Clinical Neuropsychologist*, 12, (4) 453-467.
- 18 Shye, S. (1998). The systemic life quality model: comparative analysis of concepts and scales. *Megamot* (special issue on salutogenesis), 39, (1-2), 149-169.
- 19 **Shye, S. (1998). [Modern Facet Theory: Content design and measurement in behavioral research](#). *European Journal of Psychological Assessment*, 14, (2), 160-171, 1998.**
- 20 Wilkinson, L., Shye, S. (1997). Amar, R Guttman, L. Partial Order Scalogram Analysis with Coordinates. Systat 7.0: New Statistics. Chicago: SPSS Inc.
- 21 Shye, S. (1997). Louis Guttman. Leading Personalities in Statistical Sciences. New York: Wiley, 112-117.
- 22 Denesh, I. & Shye, S. (1995). A rationalized pricing of products: the case of anti-virus software. In J.J. Hox, G.J. Mellenbergh & P.G. Swanborn (eds.) *Facet Theory: Analysis and Design*. Zeist, Holland: ZETOS, 1995, pp.75-80
- 23 Shye, S. & Mevorach-Levy, O. (1995). Faceted action system theory of distributive justice: the case of educational resources. In J.J. Hox, G.J. Mellenbergh & P.G.Swanborn (eds.) *Facet Theory: Analysis and Design*. Zeist, Holland: ZETOS, 1995, pp. 239-248
- 24 Shye, S. & Goldzweig, G. (1995). Creativity as an extension of intelligence: regional hypotheses and multiple scaling. In J.J. Hox, G.J. Mellenbergh & P.G.Swanborn (eds.) *Facet Theory: Analysis and Design*. Zeist, Holland: ZETOS, 1995, pp. 227-238.
- 25 Bick, A. & Shye, S. (1995). Reverse osmosis desalination: a structural analysis of feed water quality and membrane performance. *International Water and Irrigation Review*, 15 (2), 28-31.
- 26 Shye, S. (1994). Smallest Space Analysis (SSA). *International Encyclopedia of Education*, 2nd edition. Oxford: Pergamon, 5497-5504.

- 27 Shye, S. (1994). Partial Order Scalogram Analysis (POSA) International Encyclopedia of Education, 2nd edition. Oxford: Pergamon, 4308-4316.
- 28 Shye, S. (1994). Facet Theory. International Encyclopedia of Education, 2nd edition. Oxford: Pergamon, 2213-2219.
- 29 Shye, S., Yanai, J. & Pick, C.G. (1994). Directional consistency: determinant of learned maze performance of five mice strains. *Behavioral Processes*, 32, 117-132.
- 30 Shye, S. & Klauer, K.J. (1993). Dimensions of inductive ability. *Megamot*, 35 (2-3). (Hebrew, with abstract in English).
- 31 **Russett, B. & Shye, S. (1993). Aggressiveness, involvement and commitment in foreign policy attitudes: Multiple scaling. In Caldwell D. and McKeown T. (eds.) Diplomacy, Force and Leadership: Essays in honor of Alexander E. George. Boulder: Westview.**
- 32 Veerman, P.E. & Shye, S. (1992). Declaration on the rights of the child, based on the 'systemic quality of life model'. In P.E. Veerman, *The Rights of the Child and the Changing Image of Childhood*. Dordrecht: Martinus Nijhoff, pp. 598-603. (International Studies in Human Rights Series).
- 33 Shye, S. (1991). What is facet theory? *Megamot*, 33 (3-4). (Hebrew, with abstracts in English).
- 34 Shye, S. (1991). Ethnic integration and value polarization in Israel: Facet structure and assessment scales. *Megamot*, 33 (3-4). (Hebrew, with abstracts in English.)
- 35 **Elizur, D. & Shye, S. (1990). Quality of Work Life and its Relationship to Quality of Life. *Applied Psychology: An International Review*, 39, (3) pp. 275-291.**
- 36 Shye, S. & Lewy A. (1990). Dimensions of Teachers' Attitude toward Teaching Higher Mental Functions: Partial Order Scalogram Analysis. *Quality and Quantity*, 24, 231-244.
- 37 **Shye, S. (1989). [The Systemic Life Quality Model: A Basis for Urban Renewal Evaluation](http://www.jstor.org/stable/27520775). *Social Indicators Research*, 21, pp. 343-378. Stable URL: <http://www.jstor.org/stable/27520775>**
- 38 **Shye, S. (1988). Inductive and Deductive Reasoning: A Structural Reanalysis of Ability Tests. *Journal of Applied Psychology*, 73, pp. 308-311. (With an appendix comparing SSA and Factor analysis).**
- 39 Shye, S. & Amar, R. (1985). Partial Order Scalogram Analysis by Base Coordinates and Lattice Mapping of the Items by their Scalogram Roles. In D. Canter (ed.) *Facet Theory: Approaches to Social Research*, New York: Springer-Verlag.
- 40 Shye, S. (1985). A Nonmetric Model for Behavioral Action Systems. In D. Canter (ed.) *Facet theory: Approaches to Social Research*. New York: Springer-Verlag.
- 41 **Shye, S. (1982). Compiling Expert Opinion on the Impact on Environmental Quality of a Nuclear Power Plant: An Application of a Systemic Life**

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- 42 Shye, S. (1981). Comparing Structures of Multidimensional Scaling. *Studies in Educational Evaluation*, Vol.7, pp.105-109.
- 43 Shye, S. (1980). A Structural Analysis of Achievement Orientation Derived from a Longitudinal Study of Students in Israeli Schools. *American Educational Research Journal*, Vol.17, No.3, pp.281-290.
- 44 **Wolins, M., Wozner, Y. & Shye, S. (1980). Rejuvenating the Asylum: A Field Study. *Social Work Research and Abstracts*, 16:17-25.**
- 45 Lewy A. & Shye, S. (1978). Three Main Approaches to Evaluating Education: Analysis and Comparison by Facet Technique. In S. Shye (ed.) *Theory Construction and data Analysis in the Behavioral Sciences*. San Francisco: Jossey-Bass.
- 46 Shye, S. (1978). Facet Analysis and Regional Hypothesis: Avenues for Future Study. In S. Shye (ed.) *Theory Construction and data Analysis in the Behavioral Sciences*. San Francisco: Jossey-Bass.
- 47 Shye, S. (1978). Partial Order Scalogram Analysis. In S. Shye (ed.) *Theory Construction and data Analysis in the Behavioral Sciences*. San Francisco: Jossey-Bass.
- 48 Shye, S. (1978). On the Search for Laws in the Behavioral Sciences. In S. Shye (ed.) *Theory Construction and data Analysis in the Behavioral Sciences*. San Francisco: Jossey-Bass.
- 49 **Shye, S. (1978). Achievement Motive: A Faceted Definition and Structural Analysis. *Multivariate Behavioral Research*, Vol. 13, No.3.**
- 50 Shye, S. (1977). Achievement Motive: Background, Accomplishments and Aspirations of Elementary School Children. In A. Lewy (ed). *Longitudinal Study of School Achievements*. Jerusalem: Israel Curriculum Center.
- 51 Aranya, N., Jacobson, D, & Shye, S. (1976). A Smallest Space Analysis of Potential Work Mobility. *Multivariate Behavioral Research*, Vol.11, No.2.
- 52 Elizur, D. & Shye, S. (1976). The Inclination to Re-immigrate: A Structural Analysis of the Case of Israelis Residing in France and in the U.S.A. *Human Relations*. Vol. 29, No.1. A related paper was published in *Megamot* Vol.21, No.3 (1975).
- 53 Shye, S. & Elizur, D. (1976). Worries about Deprivation of Job Rewards following computerization. A Partial Order Scalogram Analysis. *Human Relations*, Vol.29, No.1.
- 54 **Aranya, N., Jacobson, D, & Shye, S. (1976). Organizational and Occupational Commitment: A facet theoretical analysis of empirical data. *Nederlands Tijdschrift voor de Psychologie*, 31. (English)**
- 55 Shye, S. & Aranya, N. (1975). The Gatekeeping to a Profession. A structural Analysis for the CPA Examination Situation. *Journal of Occupational Psychology*, Vol.4, No.2.

III. Methodological and Empirical-Research Monographs (partial list)

- 1 Shye, S. & Yuhas I. (2004). **Creativity in Problem Solving**. Jerusalem: Van Leer.
- 2 Shye, S. and Engelhard, M. (2004). *Offender Profiling and Crime Scenes*.
Jerusalem: Van Leer. Research report and AI expert system
commissioned by the chief scientist, Ministry of Public Security.
- 3 Shye, S. (1989). The Duality of Knowledge Spaces: The Application of Multiple
Scaling to Knowledge Structuring and Assessment. Jerusalem: Israel Institute
of Applied Social Research. Supported by NCRD Fund for Artificial
Intelligence.
- 4 Shye, S. The Construct Validity of Measures of Well-being: An evaluation by Faceted
Smallest Space Analysis. Jerusalem: IIASR, 1989.
- 5 Shye, S. (1987). Social Integration in Israel: System Theoretic Analysis and Multiple
Scaling Assessments. Jerusalem: IIASR. (Supported by the Ford Foundation).
- 6 Shye, S. (1987). Action Systems and the Human Condition; Empirical Structures and
an Application of a Parsonian Paradigm. Jerusalem: IIASR.
- 7 Shye, S. (1981). A POSA Generated Class of Distributions. Jerusalem: Israel Institute
of Applied Social Research. Research Report supported by grant No.
DAERO-28--059 of the U.S. Army.
- 8 Shye, S. (1980). Partial Order Scalogram Analysis of Profiles and Related Lattice
Analysis of the Items by their Scalogram Generic Roles. Jerusalem: Israel
Institute of Applied Social Research. Report prepared with support of Grant
No. DAERO 78G 059 from the U.S. Army Research Institute.
- 9 Shye, S. (1979). The Diamond Family of Scalograms. Jerusalem: Israel Institute of
Applied Social Research. A Research Report supported by grant No.
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- 10 Shye, S. (1979). Partial Order Scalogram and Dimensional Analysis. Jerusalem: Israel
Institute of Applied Social Research. Research Report, supported by grant No.
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- 11 Shye, S. (1979). A Systemic, Facet Theoretical Approach to the Study of Quality of
Life. Jerusalem: IIASR. (supported by a grant from the Ford Foundation),
- 12 Shye, S. (1978). A Systemic Facet theoretical Approach to the Study of Individual
Quality of Life. Jerusalem: Israel Institute of Applied Social Research.
- 13 Shye, S. (1976). Partial Order Scalogram Analysis of Profiles and its Relationship to
Smallest Space Analysis of the Variables. Thesis submitted to the Senate of the
Hebrew University for the degree of "Doctor of Philosophy" March 1976.
- 14 Shye, S. (1976). The Interaction Among Variables Determining the Environment and
Quality of Life. Jerusalem: IIASR.
- 15 Shye, S. (1975). A Note on the Interpretation of Principal Components. Jerusalem:
Israel Institute of Applied Social Research.
- 16 Shye, S. (1970). On Mapping Sentences and their Derivation through the use of SSA:
Report of a Mini-survey testing the reliability of definitional framework.
Jerusalem: Israel Institute of Applied Social Research.
- 17 Abu-Gush, S. and Shye, S. (1971). The impact of the Elective Local Council System
on Arab Traditional Society in Israel. Jerusalem: Israel Institute of Applied
Social Research (IIASR) (Three volumes).

IV. Papers presented at International Conferences

- 1 **Shye, S. (2015). New Directions in Facet Theory: Keynote Address. In: S. Shye, E. Solomon, & I. Borg (Eds.), *Proceedings of the 15th International Facet Theory Conference, New York City, August 16-19, 2015, Fordham University, (Chap. 20, pp. 147-162). New York: Fordham.Bepress. Video: Samuel Shye Keynote Address N Y 2015 - YouTube***
- 2 **Kedar Y. & Shye S. (2015). The measurement of distributive justice attitudes: multiple scaling by POSAC. In: S. Shye, E. Solomon, & I. Borg (Eds.), *Proceedings of the 15th International Facet Theory Conference, New York City, August 16-19, 2015, Fordham University, (Chap. 13, pp. 96-105). New York: Fordham.Bepress.***
- 3 Kedar Y. & Shye S. (2013). Party-voters congruence in Israel regarding views about distributive justice. *Proceedings of the fourteenth International Facet Theory Conference, Recife, Brazil, 2013.* Also in A. Roazzi, B.C. de Souza & W. Bilsky (eds.) (2015). *Facet Theory: Searching for Structure in Complex Social Cultural And Psychological Phenomena.* Recife: Editura UFPE.
- 4 Shye, S. (1997). The development and prospects of facet theory. *Proceedings of the Sixth International Facet Theory Conference, Liverpool, September, 1997.*
- 5 Shye, S., Magen, A. & Goldzweig, (1997). G. POSAC for structural theory: a new program for intrinsic multidimensional data analysis. *Proceedings of the Sixth International Facet Theory Conference, Liverpool, September, 1997.*
- 6 Davidson-Arad, B., Wozner, Y. & Shye, S. (1997). Removal from home of abused children: application of POSAC decision model. *Proceedings of the Sixth International Facet Theory Conference, Liverpool, September, 1997.*
- 7 Mevorach-Levy, O. & Shye, S. (1997). Organizational Justice: a systemic model. *Proceedings of the Sixth International Facet Theory Conference, Liverpool, September, 1997.*
- 8 Wiener, S., Shye, S. Shefler G., & Wiseman, H. (1997). Psychotherapeutic difficulties: faceted action system analysis. *Proceedings of the Sixth International Facet Theory Conference, Liverpool, September, 1997.*
- 9 Mevorach-Levy, O. & Shye, S. (1996). A systemic model for organizational justice. *Proceedings of the Fifth ISSWOV Conference (Int'l Soc. for the Study of Work and Organizational Values). Montreal, August, 1996.*
- 10 Mevorach-Levy, O. & Shye, S. (1995). Faceted action system theory of distributive justice: the case of educational resources. *Proceedings of the Fifth International Facet Theory Conference, Amsterdam 1995.*
- 11 Goldzweig, G. & Shye, S. (1995). Creativity as an extension of intelligence: faceted definition and regional hypotheses. *Proceedings of the Fifth International Facet Theory Conference, Amsterdam, 1995).*
- 12 Bick, A. & Shye, S. (1995). 8" commercial spiral wound reverse osmosis membranes: a facet analysis. *Proceedings of the Fifth International Facet Theory Conference, Amsterdam, 1995.*

- 13 Savelzon, O. & Shye, S. (1993). POSAC discriminant and decision model: an application to immigrant scientists' professional adjustment. *Proceedings of the Fourth International Facet Theory Conference*. Prague, 1993.
- 14 Katz T. Shye, S. & Bilu, Y. (1993). Visitation dreams of Moroccan Jews: an analysis of the systemic Quality of Life Model. *Proceedings of the Fourth International Facet Theory Conference*, Prague, 1993.
- 15 **Denesh, I. & Shye, S. (1993). Facet-inducing external variables: a new procedure for the FSSA. *Proceedings of the Fourth International Facet Theory Conference*, Prague, 1993.**
- 16 Troudart, T. & Shye, S. (1993). Quality of life evaluation in a rehabilitation program for chronic mental patients. *The Fourth Congress of World Association for Psychosocial Rehabilitation*, Dublin, Ireland, September 1993).
- 17 Shye, S. (1991). The integration of research contents and topological spaces: confirmatory SSA (new program for the PC). *The Third International Facet Theory Conference*. Jerusalem, 1991.
- 18 Shye, S. (1991). Multiple scaling and multicriteria paired comparison design for consulting expert systems: An application to professional retraining. *The Third International Facet Theory Conference*. Jerusalem, 1991.
- 19 Shye, S. (1991). The structure of intelligence: From factors to facets. *The Third International Facet Theory Conference*. Jerusalem, 1991.
- 20 Katz, E., Eini, S. & Shye, S. (1991). A mapping of leadership attitudes towards options for peace solutions. *The Third International Facet Theory Conference*. Jerusalem, 1991.
- 21 Eini, S. & Shye, S. Facet analysis of *Yediot Ahronot* front page headlines on the Israeli peace initiative. *The Third International Facet Theory Conference*. Jerusalem, 1991.
- 22 Shye, S. (1991). Self-report measures of depression: Facet analysis. *The Third International Facet Theory Conference*. Jerusalem, 1991.
- 23 Denesh, I. & Shye, S. (1989). The role of public involvement in industrial branches: A multiple scaling. *Second International Conference on Facet Theory*. University of Surrey, 1989.
- 24 Griffel, A. & Shye, S. (1989). Item role analysis in theory and measurement: demonstration of multiple scaling by POSAC/LSA. *Second International Conference on Facet Theory*. University of Surrey, 1989.
- 25 Elizur, D. & Shye, S. (1988). The evolution of generalized conceptual frameworks for work-value structures. *First International Conference on Work Values*, Budapest, 1988.
- 26 Shye, S. (1987). Empirical validation of a systemic conceptual classification scheme. *First Conference of the International Federation of Classification Societies*. Aachen, Germany 1987.

- 27 Shye, S. (1984). Systemic Life Quality: Confronting a definitional scheme with empirical structures. *The First International Conference on Facet Theory*. University of Surrey, 1984.