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QUASI-ORDRES, INTERVALLES, ETC. : UNE BIBLIOGRAPHIE

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Etablir une bibliographie sur les quasi-ordres (semiorder, en anglais) pose des problèmes quasi-insolubles. Une première difficulté provient des diverses formes équivalentes que peut prendre cette notion : relation totale, relation asymétrique d'ordre ("ordre quasi-fort"), relation symétrique ("graphe d'indifférence"). Une seconde difficulté des contextes et donc des terminologies variées où est apparue cette notion (cf. à ce sujet, Monjardet et Jacquet-Lagrèze 1978, Monjardet 1978). Enfin une troisième liée aux deux précédentes, résulte du fait que l'étude des quasi-ordres, se trouvant à l'intersection de préoccupations multiples, se généralise dans des directions très différentes. Citons par exemple, la mesure des grandeurs, la théorie de l'indifférence ou de la préférence intransitive, les problèmes de sériation ou d'ordination, la théorie des graphes et des hypergraphes, la théorie des ensembles ordonnés. Dans ces conditions il est difficile de délimiter le thème quasi-ordres et cette bibliographie ne le tente pas. En fait, elle essaie d'abord de contenir le plus possible de livres ou articles ayant traité des quasi-ordres, avant 1979. Signalons immédiatement certaines omissions, par exemple la littérature russe sur la question (cf. Mirkin, 1972). Ensuite cette bibliographie comporte des coupes plus ou moins étendues sur des domaines connexes. C'est ainsi qu'est bien représentée la littérature, en rapide extension, sur les problèmes combinatoires proches : graphes de comparabilité, ordres, graphes et hypergraphes d'intervalles, d'arcs ou de sous-arbres. Il en est de même pour la littérature récente sur les problèmes de sériation. Par contre la littérature sur la préférence ou l'indifférence intransitive et plus généralement sur la théorie de l'utilité est loin d'être complète. On pourra consulter sur le premier point les références de Fishburn dans

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- "Intransitive indifference in preference theory : a survey", 1970), sur le second la "Selected bibliography of works relating to the theory of preferences, utility and demand" dans "Preferences, utility and demand" (1971). Pour une bibliographie plus récente et tournée vers l'aide à la décision, on pourra aussi voir la thèse de Jacquet-Lagrèze (1975) ; pour une bibliographie récente sur l'agrégation des préférences, voir Kelly (1978). Signalons enfin, que d'autres thèmes voisins, comme celui des échelles de Guttman ne sont pratiquement pas représentés dans cette bibliographie. (Cf. à ce sujet, Flament C., *L'analyse booléenne des questionnaires*, Mouton, 1976).
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