

<p>1. Foundations of IS</p> <p>1.1 History of IS</p> <p>1.2 History of Librarianship</p> <p>1.3 Archival Science</p> <p>1.4 History of knowledge Formats: Manuscripts, Print & digital</p> <p>1.5 IS Epistemology</p> <p>2. Methodology</p> <p>2.1 Quantitative & qualitative research</p> <p>2.2 Bibliometrics, Informatics</p> <p>2.3 Bibliology</p> <p>2.4 Domain Analysis</p> <p>2.5 Webometrics</p> <p>3. Information/Learning Society</p> <p>3.1 Social & cultural aspects in the information society</p> <p>3.2 Sociology of Knowledge</p> <p>3.3 Social Communication</p> <p>3.4 Scientific Communication</p> <p>3.5 E-learning</p> <p>3.6 Information Literacy</p> <p>3.7 IS Education</p> <p>3.8 Lifelong Learning</p> <p>4. Information Technology</p> <p>4.1 Communication & Computer networks.</p> <p>4.2 Document Delivery Systems</p> <p>4.3 Structure of Computerized Systems</p> <p>4.4 Programming languages</p> <p>4.5 Multimedia</p> <p>4.6 Information retrieval Systems</p> <p>4.7 Systems Analysis</p> <p>4.8 Artificial Intelligence</p> <p>4.9 Human Computer Interaction</p> <p>4.10 Information Architecture</p> <p>4.11 digital security systems</p> <p>4.12 websites construction</p> <p>4.13 Net works technologies</p> <p>4.14 Knowledge Representation</p> <p>4.15 search tools</p>	<p>5. Data organization & Retrieval</p> <p>5.1 Classification Schemes</p> <p>5.2 Metadata</p> <p>5.3 Indexing</p> <p>5.4 Abstracting</p> <p>5.5 Knowledge organization</p> <p>5.6 Taxonomies</p> <p>5.7 Thesauri</p> <p>5.8 Ontology</p> <p>5.9 Vocabulary Control</p> <p>5.10 Online Searching techniques</p> <p>5.11 Reference work</p> <p>5.12 The semantic web</p> <p>6. Information industry Economic & Management</p> <p>6.1 Competitive Intelligence</p> <p>6.2 Databases</p> <p>6.3 Digital Libraries</p> <p>6.4 Electronic publishing</p> <p>6.5 Information Industry Market</p> <p>6.6 Information Management</p> <p>6.7 Information Manipulation</p> <p>6.8 Knowledge Management</p> <p>6.9 Information centers & Libraries management.</p> <p>6.10 Collection management</p> <p>6.11 Electronic comers</p> <p>7. Information Ethic and Law</p> <p>7.1 Copyright</p> <p>7.2 Digital Security</p> <p>7.3 Digital divide</p> <p>7.4 Censorship</p> <p>7.5 Internet crime</p> <p>7.6 Free Access to Information</p> <p>7.7 Information Policies</p>	<p>8. User studies</p> <p>8.1 Human Information Behavior</p> <p>8.2 Information seeking Behavior</p> <p>8.3 Information Needs</p> <p>8.4 Reference interview</p> <p>8.5 User- information scientist- interaction</p> <p>9. Diffusion studies</p> <p>9.1 Information Dissemination</p> <p>9.2 Communication Theory</p> <p>9.3 Message Theory</p> <p>9.4 Information centres & Libraries</p> <p>10. Social information Science</p> <p>10.1 Information needs of Different cultures</p> <p>10.2 Information Education, Power & ethics</p> <p>10.3 Social information Banks</p> <p>10.4 Social information sections in school & public Libraries</p> <p>10.5 Self help sources-printed Electronic</p> <p>10.6 The social information scientist</p> <p>10.7 Community Information.</p> <p>10.8 Information diffusion in multi cultural societies</p> <p>10.9 Health information centres</p>
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[2] (Shifra Baruchson–Arbib)