**Appendix 1.** Sample for integrative literature review

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| **Index** | **Author(s)** | **Title** | **Domain** | **Type of publ.** |
| 1 | Alexander et al. (1975) | The Oregon Experiment | Urban planning | Book |
| 2 | Amaral et al. (2020) | Modeling Trust in Enterprise Architecture: A Pattern Language for ArchiMate | Enterprise architecture; trust | Conf. paper |
| 3 | Baltzer et al. (2019) | Towards an Interaction Pattern Language for Human Machine Cooperation and Cooperative Movement | Software system engineering | Journal paper |
| 4 | Arnold (2022) | Enterprise Architecture Function — A Pattern Language for Planning, Design and Execution | Enterprise architecture | Book |
| 5 | Athavankar, Khambete, Roy et al. (2014) | Multidisciplinary Team Dynamics in Service Design — The Facilitating Role of Pattern Language | Service design | Conf. paper |
| 6 | Athavankar, Khambete, Doke et al. (2014) | Exploring Cards for Patterns to Support Pattern Language Comprehension and Application in Service Design | Service design | Conf. paper |
| 7 | Bayle et al. (1998) | Putting it All Together: towards a pattern language for interaction design | Interaction design | SIG Paper |
| 8 | Borchers (2000) | A Pattern Approach to Interaction Design | Interdisciplinary design; education | Conf. paper |
| 9 | Braga et al. (1999) | A Pattern Language for Business Resource Management | Business; management | Conf. paper |
| 10 | Bukovszki et al. (2021) | Coding Engines in Participatory Social Housing Design — A Case to Revisit Pattern Languages | Social housing design; community decision-making | Journal paper |
| 11 | Chen et al. (2007) | Towards a Pattern Language Approach to Establishing Personal Authoring Environments in E-learning | Human computer interaction | Journal paper |
| 12 | De Vreede et al. (2020) | Leadlets: Towards a Pattern Language for Leadership Development of Human and Al Agents | Design | Conf. paper |
| 13 | Eglin (2020) | Capturing a Community's Vision as a Pattern Language: Case Study of the Making Mooiplaas Community in Great Kei Municipality, South Africa | Community policy | Journal paper |
| 14 | Gamma et al. (1995) | Design Patterns: Elements of Reusable Object-oriented Software  | Software design | Book |
| 15 | Gonçalves and Hayashi (2021) | A Pattern Language for Social Field Shifts: Cultivating Embodied and Perceptual Capacities of Social Groups through Aesthetics and Social Field Archetypes | Awareness-based action; social arts; theatre | Journal paper |
| 16 | Goodyear et al. (2006) | Using Pattern Languages to Mediate Theory-praxis Conversations in Design for Networked Learning | Networked learning; education | Journal paper |
| 17 | Hinton (2002) | Towards a Pattern Language for Information-centred Business Change  | Organisational change | Journal paper |
| 18 | Iba et al. (2020) | Patterns for Building Customer Relationships in a Pattern Language for Value-Creation Marketing | Business | Conf. paper |
| 19 | Johnston and Hicks (2004) | Speaking in Teams: Motivating a Pattern Language for Collaboration  | Communication; community decision-making | Journal paper |
| 20 | Kamada et al. (2019) | Promoting and Supporting Biodiversity Activities with the Pattern Language Approach: A Pattern Language for Collaborative Activities for Biodiversity Conservation  | Biodiversity conservation | Book chapter  |
| 21 | Khambete et al. (2015) | A Case Study in Participatory Service Design for Rural Healthcare System in India using a Pattern Language | Service design | Book chapter |
| 22 | Khambete (2013) | Designing Desirable Service Experience: A Pattern Language Framework from Touch Point Ecosystem Perspective | Service design | Doct. thesis |
| 23 | Knote et al. (2018) | Towards a Pattern Language for Smart Personal Assistants | Software development | Conf. paper |
| 24 | Knutsson and Ramberg (2018) | Teachers' Collaborative Pattern Language | Design for learning; participatory design | Journal paper |
| 25 | Köppe et al. (2017) | Towards a Pattern Language for Hybrid Education  | Education  | Conf. paper |
| 26 | Köppe et al. (2019) | The Pattern Language of Incremental Grading  | Education; grading system | Conf. paper |
| 27 | Law et al. (2017) | A Pattern Language Based Learning Design Studio for an Analytics Informed Inter-Professional Design Community  | Design education; design | Journal paper |
| 28 | May and Taylor (2003) | Knowledge Management with Patterns | Knowledge management | Journal paper |
| 29 | Moftakhar (2013) | Sustainable Design Pattern Language for CSUN'S Student Housing  | Participatory design | Master thesis  |
| 30 | Moore et al. (1989) | Designing Child Care Centers Using the Children's Environments' Pattern Language: the Northern Michigan University Children's Center | Architecture; urban planning | Journal paper |
| 31 | Mor and Winters (2008) | Participatory Design in Open Education: a Workshop Model for Developing a Pattern Language  | Education | Journal paper |
| 32 | Noble (1998) | Towards a Pattern Language for Object Oriented Design  | Software design  | Paper |
| 33 | Ortega-Arjona (2010) | Patterns for Parallel Software Design  | Software design | Book |
| 34 | Palmieri et al. (2021) | Co-producing, Curating and Reconfiguring Dwelling Patterns: A Design Anthropological Approach for Sustainable Dwelling Futures in Residential Suburbs  | Design anthropology; policy making | Journal paper  |
| 35 | Park (2021) | A Pattern Language for Class Responsibility Assignment for Business Applications | Business; analysis | Journal paper |
| 36 | Pinho and Aguiar (2020) | The AgilECo Pattern Language: Physical Environment  | Software development; physical environment | Conf. paper |
| 37 | Pollmann and Ziegler (2021) | A Pattern Approach to Comprehensible and Pleasant Human-robot Interaction | Interaction design  | Journal paper |
| 38 | Ricaud et al. (2021) | Pattern Languages as a Design Tool to Tackle “Wicked Problems" in Sustainability Science | Sustainability science  | Journal paper |
| 39 | Sales et al. (2019) | A Pattern Language for Value Modeling in ArchiMate | Enterprise architecture | Book chapter |
| 40 | Schuler (2008) | Liberating Voices: A Pattern Language for Communication Revolution | Communication | Book |
| 41 | Silva e Santos (2012) | The PhOCoe Model-ergonomic Pattern Mapping in Participatory Design Processes | Ergonomic design  | Journal paper |
| 42 | te Brömmelstroet et al. (2021) | Towards a Pattern Language for Cycling Environments: Merging Variables and Narratives | Urban environment | Journal paper |
| 43 | Te Duits (2022) | Flourishing Foodvalley: Pattern Language as a Co-design Method to Approach the Transition towards Circular Agricultural Systems in a Hybrid Landscape. | Co-design; landscape design | Master thesis |
| 44 | Thomas et al. (2020) | Towards an Empirically Based Gamification Pattern Language Using Machine Learning Techniques November | Game design  | Conf. paper |
| 45 | Wang and Green (2019) | A Pattern-based, Design Framework for Designing Collaborative Environments  | Space design  | Conf. paper |
| 46 | Zhao et al. (2008) | A Pattern Language for Designing E-business Architecture  | Software engineering | Journal paper |