

GSN--The goal structuring notation : a structured approach to presenting arguments

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Deskripsi Lengkap: <https://lib.ui.ac.id/detail?id=20425836&lokasi=lokal>

Abstrak

Goal Structuring Notation (GSN) is becoming increasingly popular, practitioners use it in the railway, air traffic management and nuclear industries, amongst others. Originally developed to present safety assurance arguments, GSN need not be restricted to safety assurances only, in principle, you can use it to present (and test) any argument. Anyone wishing to support, or refute, a claim can use GSN. Written by an experienced practitioner, The Goal Structuring Notation is both for those who wish to prepare and present compelling arguments using the notation, and for those who wish to review such arguments critically and effectively. To emphasise the versatility of this approach The Goal Structuring Notation presents examples and questions based on diverse subject areas including Business Management, Drama, Engineering, Politics and Astrobiology. Simple examples introduce each symbol of the notation before introducing more complex structures which illustrate how the symbols work together in practical scenarios. To aid learning, questions and problems augment the text, so that the reader may reflect upon and try out the new concepts and principles presented.