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| Title: | Author: |
| Date: |

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| **Object under Investigation** (*OuI*)  "the component(s) (1..n) that are to be qualified by the test” | **Test Objectives**  Why is the test needed? What do we expect to find out? | | **System under Test** (*SuT*)  Systems, subsystems, components included in the test case or test setup. |
| **Function(s) under Investigation** (*FuI*)  “the referenced specification of a function realized (operationalized) by the object under investigation” |
| **Purpose of Investigation** *(PoI)*  The specific test purposes, classified using terms such as *Characterization*, *Verification*, or *Validation.* | | **Functions under Test** (*FuT*)  Functions relevant to the operation of the system under test, including FuI and relevant interactions btw. OuI and SuT. |
| **Domain under Investigation** (*DuI*)  “the relevant domains of test parameters and connectivity.” |
| **Target metrics** (*TM*)  Measures retrievable from SuT required to quantify each of the identified test criteria | **Test criteria** *(TCR)*  Formulation of criteria *for each PoI* based on properties of SuT; encompasses properties of test signals and output measures. | | **Variability attributes** *(VA)*  Identify relevant controllable or uncontrollable factors of the SuT and their required variability; refer to PoI. |
| **Quality attributes** *(QA)*  threshold levels for test result quality as well as pass/fail criteria. | |
| **Relevant Data Sets (inputs)**  Are there existing key data sets that will be relevant for the test design and experiment execution? | | **Relevant Data sets (output)**  Will this work produce data set that may be relevant beyond the scope of this specific test? What is the scope? | |