Explaining Code Generation AI Models: Are We Meeting Stakeholder Needs? Supplementary Material - SLR Search Strings

January 17, 2026

1 Search Strings for Literature Survey

- **IEEE QueryPart1:** "explanation technique" OR "interpretation technique" OR "explanation method" OR "interpretation method" OR explainability OR interpretability AND

  IEEE QueryPart2: "code" OR "code generation" OR "code completion" OR "code summarization" OR "code understanding" OR "code search" OR "code clone detection" OR "code optimization" OR "code recommendation" OR "code example generation" OR "code example recommendation" OR "code retrieval" OR "code localization" OR "code representation" OR "code comment generation" OR "code smell detection" OR "code review" OR "code classification" OR "code change" OR "method name generation" OR "bug detection" OR "bug localization" OR "vulnerability detection" OR "test case generation" OR "program analysis" OR "bug classification" OR "defect prediction" OR "program repair" OR "bug report" AND

  IEEE QueryPart3: model

  (Note: All three parts searched within Document Content). Filtered conference publication and journals. Total 18 results.

- **ACM Query** : Title:(("explanation technique" "interpretation technique" "explanation method" "interpretation method" explainability interpretability) AND (code model AI software learning)) AND Abstract:(("explanation technique" "interpretation technique" "explanation method" "interpretation method" explainability interpretability) AND (code model AI software learning)) AND Keyword:(("explanation technique" "interpretation technique" "explanation method" "interpretation method" explainability interpretability) AND (code model AI software learning))

  date range: jan 2000 to dec 2024. search fields limited to title, abstract, and author keywords.

  Total 497 results: Research Article (367) Short Paper (35) Abstract (23) Poster (19) Survey (11) Extended Abstract (10) Tutorial (7) Work in Progress (6) Demonstration (3) Course (2) Introduction (1) Invited Talk (1) Keynote (1)

- **arxiv search query:** Query: code model interpretability software; order: -announceddatefirst; size: 200; daterange: from 2000-01-01 to 2024-12-31; classification: Computer Science (cs); includecrosslist: True;