General assessment

- Where was the paper published?

- Who are the authors of the paper?

- Which university are they from?

- What is the problem that the paper discusses?

- What are the contributions of this paper?

- Is there a key idea in this paper?

Solution

- What is alias analysis by instruction inspection?

- What is residue-based global alias analysis?

- What is the nature of the speculation used in the region based alias analysis?

- What is the lattice used in the region based alias analysis?

- How does profile guided speculative alias analysis work?

- What happens when speculation fails?

- What does Figure 4 mean? Would you place it a bit earlier in the paper?

Evaluation

- What do the authors try to proof in the Evaluation Section?

- How do the authors show that their analyses improve on traditional approaches?

- How do the authors evaluate the precision of their approach?

- What do they conclude in the Evaluation Section?

Organization

- Does the abstract show the context/problem/solution/results structure?

- Does the introduction show the context/problem/solution/results structure?

- How is the paper organized in section? Is it a traditional organization?

- What is the role of Section 2 in this paper?

- What is the role of the last section in this paper?

Final Remarks

- What is your overall impression about this paper?

- What are the strong points of this paper?

- What are the week points?

- What have you learnt from this paper?

- Is there any work that could be done as an extension of this paper?