

1021-03-162

Peter Cholak* (peter.cholak.1@nd.edu), 255 Hurley, Notre Dame, IN 46556-4618. *The Computably Enumerable Sets: Open Questions.*

We will focus on open questions in the computably enumerable sets and how recent results impacts these open questions. Since this session is in honor of Manuel Lerman's retirement we will pay particular attention to the d-simple sets which were introduced by Lerman and Soare in 1980. We will discuss some new results on d-simple sets which provide some partial answers to old questions of Lerman and Soare. (Received September 04, 2006)