

ALGORITHM FOR LAND DIVISION AND THE JUBILEE IN MODERN TIMES

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When the Israelites entered the land of Israel during the days of Joshua ben Nun, they were instructed to divide the land equally between them. They were also instructed to return the lands to their original owners once in 50 years. In our times, the lands are not divided equally, so it does not make sense to start counting towards the Jubilee, since this will only serve to keep the unequal division. On the other hand, in today's reality, it is not practical to actually take all lands and divide them equally. This paper presents a graph-based algorithm for gradual implementation of the Jubilee idea, thus ensuring that the number of land-owners will increase monotonically with minimal intervention in the land market. Agent-based simulations show that this algorithm converges to a state where every citizen has a land plot.