Report on the paper "Existence of Exact Walrasian Equilibria in Non Convex Economies" by Antonio d' Agata

First some remarks:

(1) The set $S_h(B_h(p_n^*, \omega_h))$ is not compact (p.11) since it is open (p.8, open ε -"slice"). The author should use its closure.

(2) In the statement (iv) of Lemma 3, the author should add $\gamma(\lambda x) = 0$. And in the proof, page 10, the author should mention that $\lambda^* x$ belongs to the boundary of $S_h(\ldots)$. This implies, by the continuity of γ , $\gamma(\lambda^* x) = 0$.

(3) page 13, page 15, for the definition of $\hat{x}_{nh''}$ and $x_{nh''}$, I suppose that we have $d(x, \hat{y}) \leq d(z, \hat{y})$ for all $z \in A_{h''}$?

To summarize: the paper may be published after a light revision.