$$(a-1)p+bq > a'p+b'q \geq (\alpha-1)p+\beta q+1\,,$$

then $\overline{\alpha p+\beta q+1}$ would be equal to $(a'+1)p+b'q$.

The proof of the second assertion is similar; the argument in formula (A.6) has to be repeated a_1+1 times, i.e. for all the free points of the Enriques diagram. □

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