

| | | | |
|-----------|-------------------------|---------------------------|--|
| 38 | ArNe₃ | Argon – neon (1/3) | C_{3v} |
| MW | | (weakly bound complex) | (effective symmetry class) (large-amplitude motion) Ar · 3Ne |

| r_0 | Å ^{a)} |
|---------|-----------------|
| Ne...Ne | 3.280(5) |
| Ne...Ar | 3.601(5) |

The spectroscopic parameters are consistent with distorted tetrahedral arrangement with C_{3v} symmetry.

^{a)} Uncertainties were not estimated in the original paper.

Xu, Y., Jäger, W.: J. Chem. Phys. **107** (1997) 4788.

