0.1 Principle of explosion

If axioms contradict each other then it is possible to derive anything. That is:

$P \wedge \neg P \vdash Q$

We can prove this. If P and $\neg P$ are true, then the following is also true:

$P \vee Q$

We can then use $P \vee Q$ and $\neg P$ to imply Q.

This works for any proposition Q, including $\neg Q$.

As we can derive Q and $\neg Q$, our axioms are not consistent.