**odbraniSe\_ShouldReturn2Point13\_IfTezinaLessThanMaxTezina\_WhenStateIsDEFANZIVNO:**

**Severity: Critical**

**Environment Info**

**Date & Name of the Reporter:**  24.06.2019, Miloš Šećković

**Operating System: Windows 10**

**Software environment: IntelliJ IDEA 2018.3.5 IU 183.5912.21, JUnit 5.4.2**

**Description:**

**Reproducible: yes (100%)**

**Test id: 4**

**Procedure: (describe steps how to reproduce error)**

1. **Create an object of Igrac with the following values:**
   1. **Snaga = 60**
   2. **Stanje = DEFANZIVNO**
   3. **ODECA**
      1. **Tezina = 14.0, OdbrambenaVrednost = 24.0**
      2. **Tezina = 9.0, OdbrambenaVrednost = 15.0**
   4. **ORUZIJE**
      1. **Tezina = 19**
      2. **Tezina = 20**
2. **Call the method odbraniSe with 25 set as argument:**

**Description of error:**

**Method odbraniSe does not return the proper value. It should return correct damage (apply the correct formula to calculate the damage) but it receives false damage, this damage is not correct damage. When incoming damage is 25, strength 60, and State is DEFANZIVNO there is no correct damage calculated at the end.**

**Expected result:**

**expected: 2.13**

**was: 6.41**

**Comments:**

Check the semantics of the formula or switch statement in **odbraniSe** as the problem is most likely coming from those parts.