

Diagram illustrating the structure of the 2×2 game tree for the $(2, 2)$ game. The tree starts at the **ROOT** node, which branches into two nodes: **1** (left) and **2** (right). Node **1** branches into **3** (left) and **4** (right). Node **2** branches into **5** (left) and **6** (right). Node **3** branches into **7** (left) and **8** (right). Node **4** branches into **9** (left) and **10** (right). Node **5** branches into **11** (left) and **12** (right). Node **6** branches into **13** (left) and **14** (right). Node **7** branches into **15** (left) and **16** (right). Node **8** branches into **17** (left) and **18** (right). Node **9** branches into **19** (left) and **20** (right). Node **10** branches into **21** (left) and **22** (right). Node **11** branches into **23** (left) and **24** (right). Node **12** branches into **25** (left) and **26** (right). Node **13** branches into **27** (left) and **28** (right). 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