

Japan Air Self Defense Force Air Staff College Seminar

The Role's and Limit's of Air Power

分類番号:C-10-083

保存期間:1年未満

保存期間滿了時期:2016. 3. 31

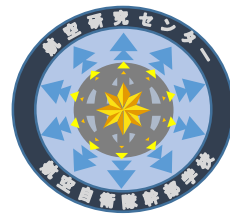
作成年度:2015年度

枚数:12枚

開示判断:開示



Characteristics of Air Operations

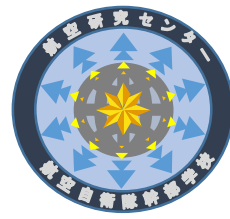


- Vast theater
- Unexpected opening
- Organizational airpower demonstration
- Abrupt operational transition
- Huge impact of qualitative superiority/inferiority
- Diverse and complex operational aspects
- A base is foundation of airpower demonstration





Nature of Air Power

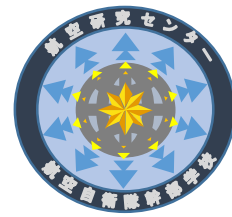


【Advantages】

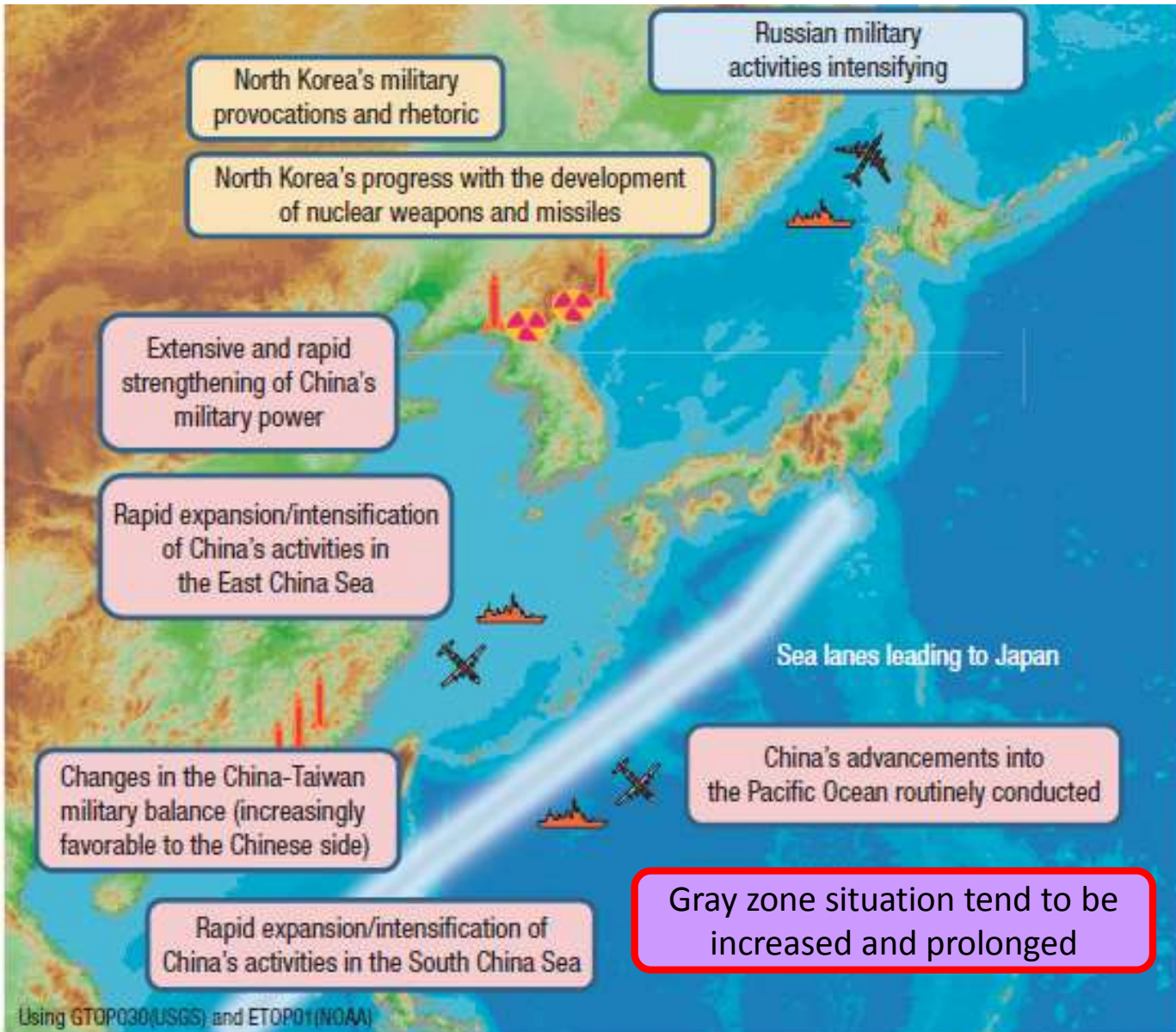
- Rapid reaction
- Excellent mobility
- Able to influence a wide area
- Massive attack power
- Excellent penetration capability

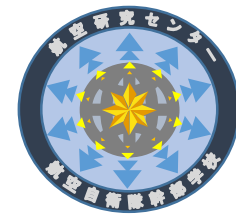
【Disadvantages】

- Partial loss of support functions more negative combat power
- Takes a long time to build up air power
- Limited persistence
- More Influenced by weather/celestial phenomena
- Large dependence on the bases

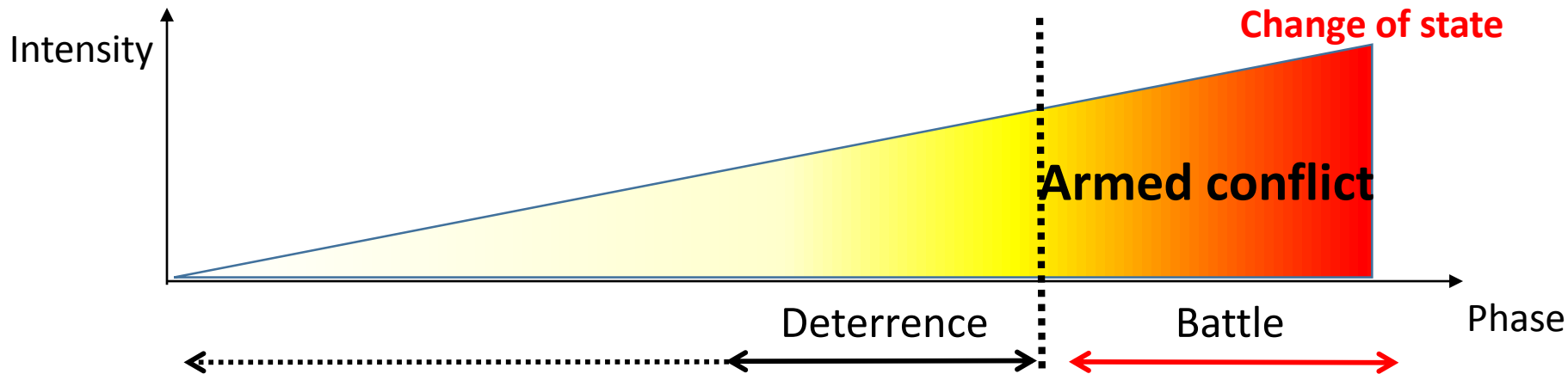


Respond to “Gray-Zone” situations

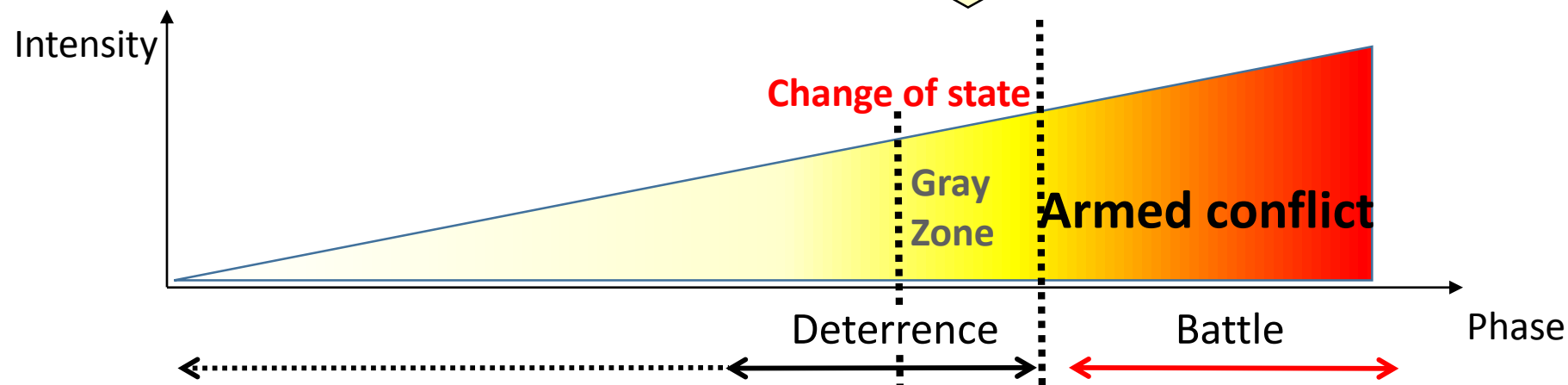
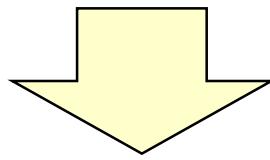




Deterrence on "Gray-zone" situations

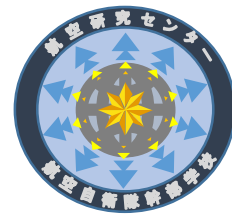


Deter the armed conflict
 = Prevent the change of existing situation

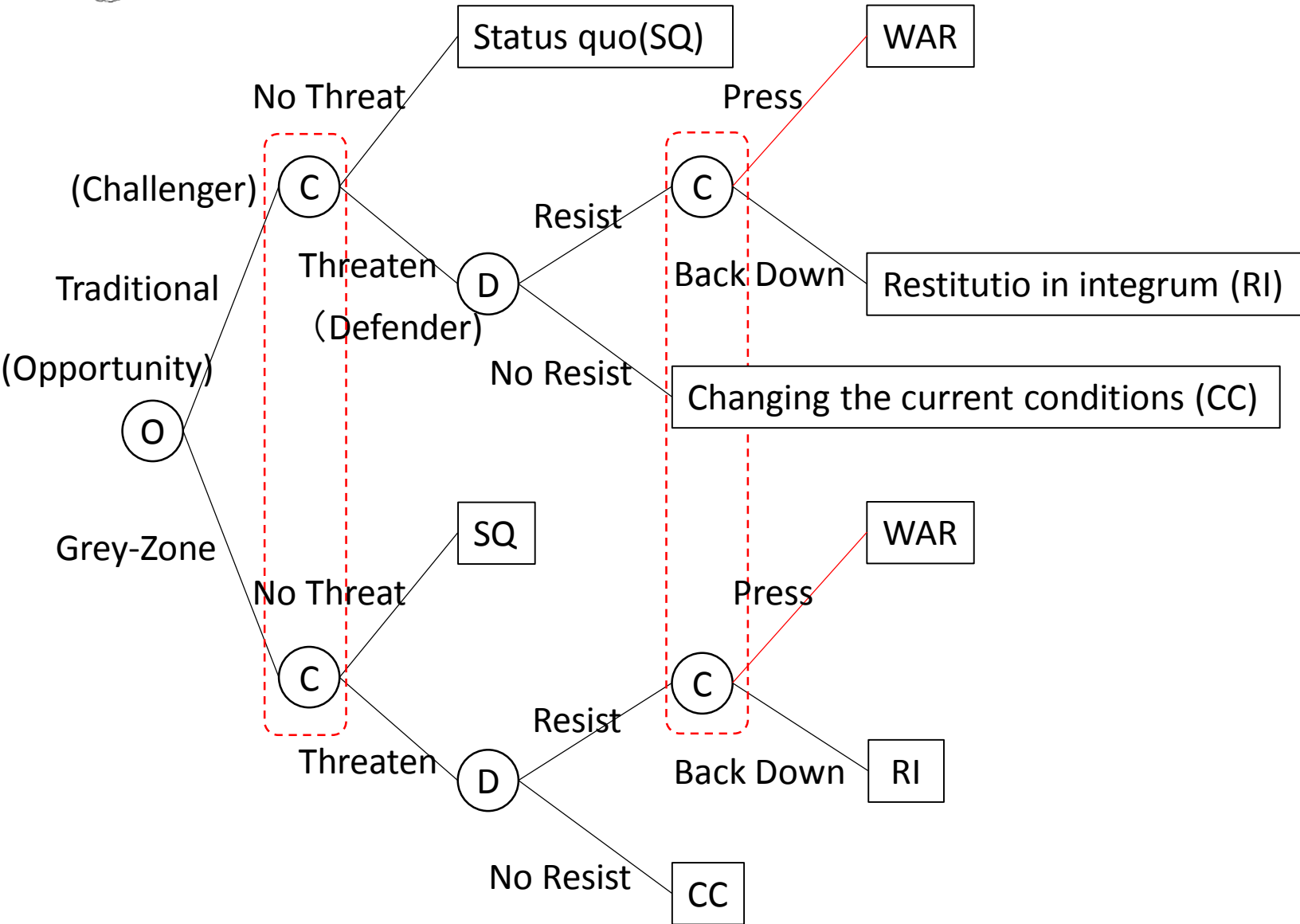


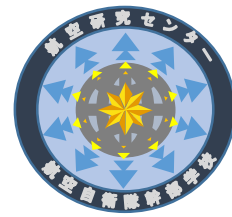
Deter the armed conflict
 ≠ Prevent the change of existing situation

Crisis management

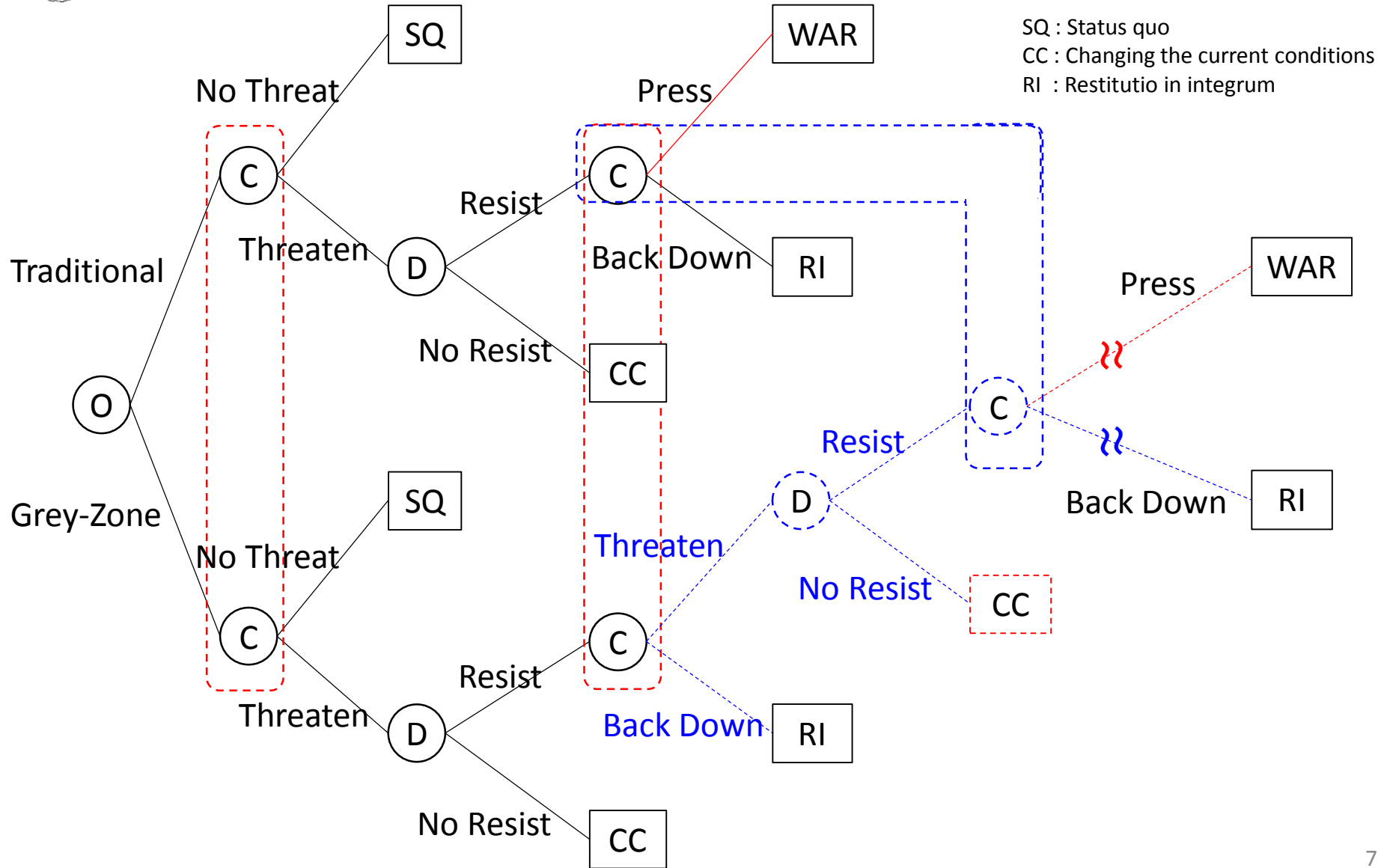


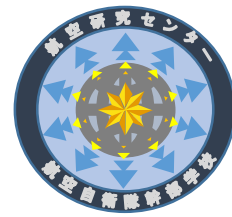
Game Tree with “window of opportunity”



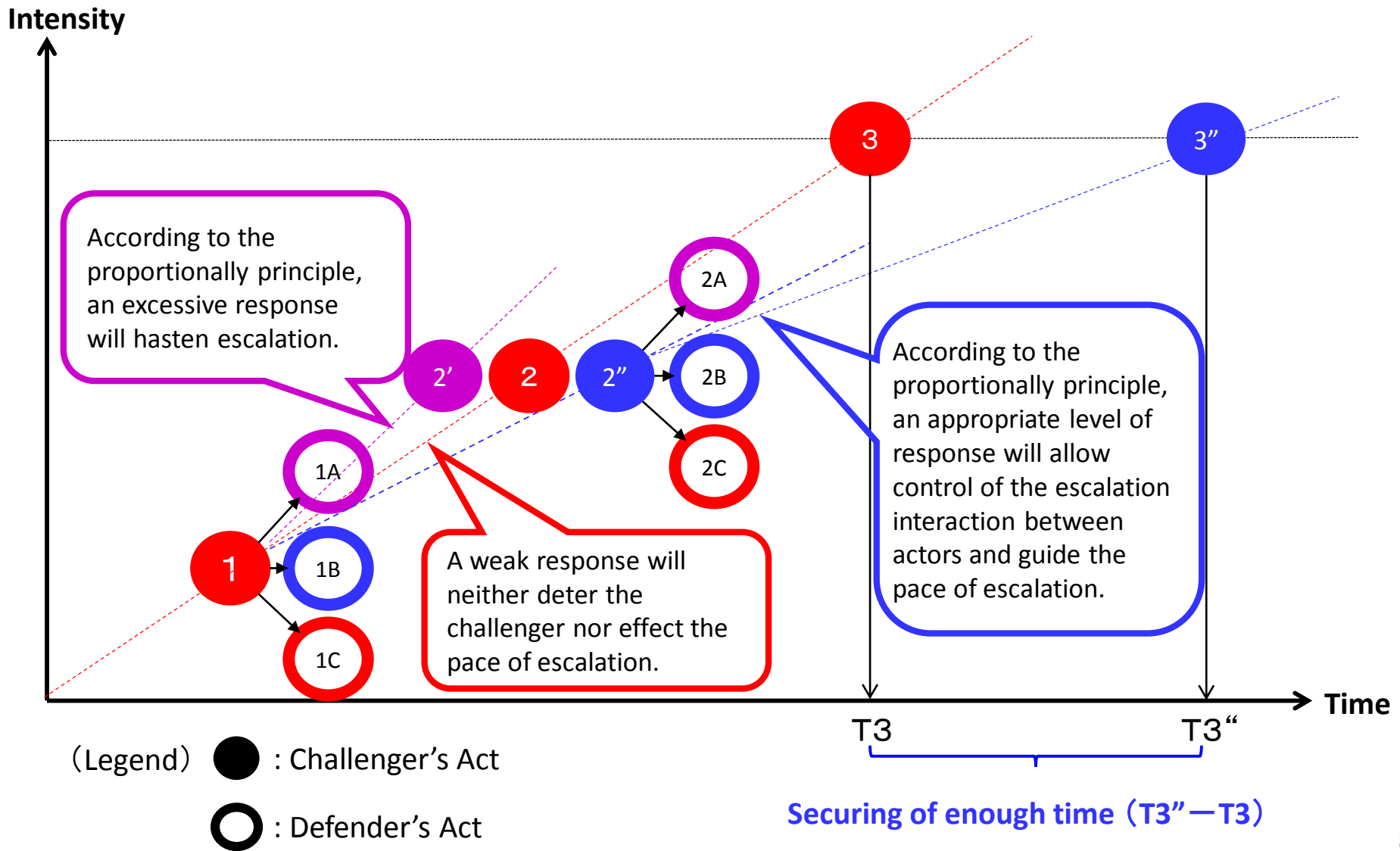


Feature of "Gray-zone" Game Tree



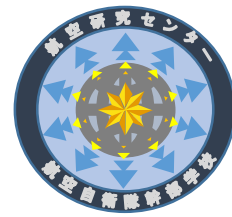


Escalation Control Model

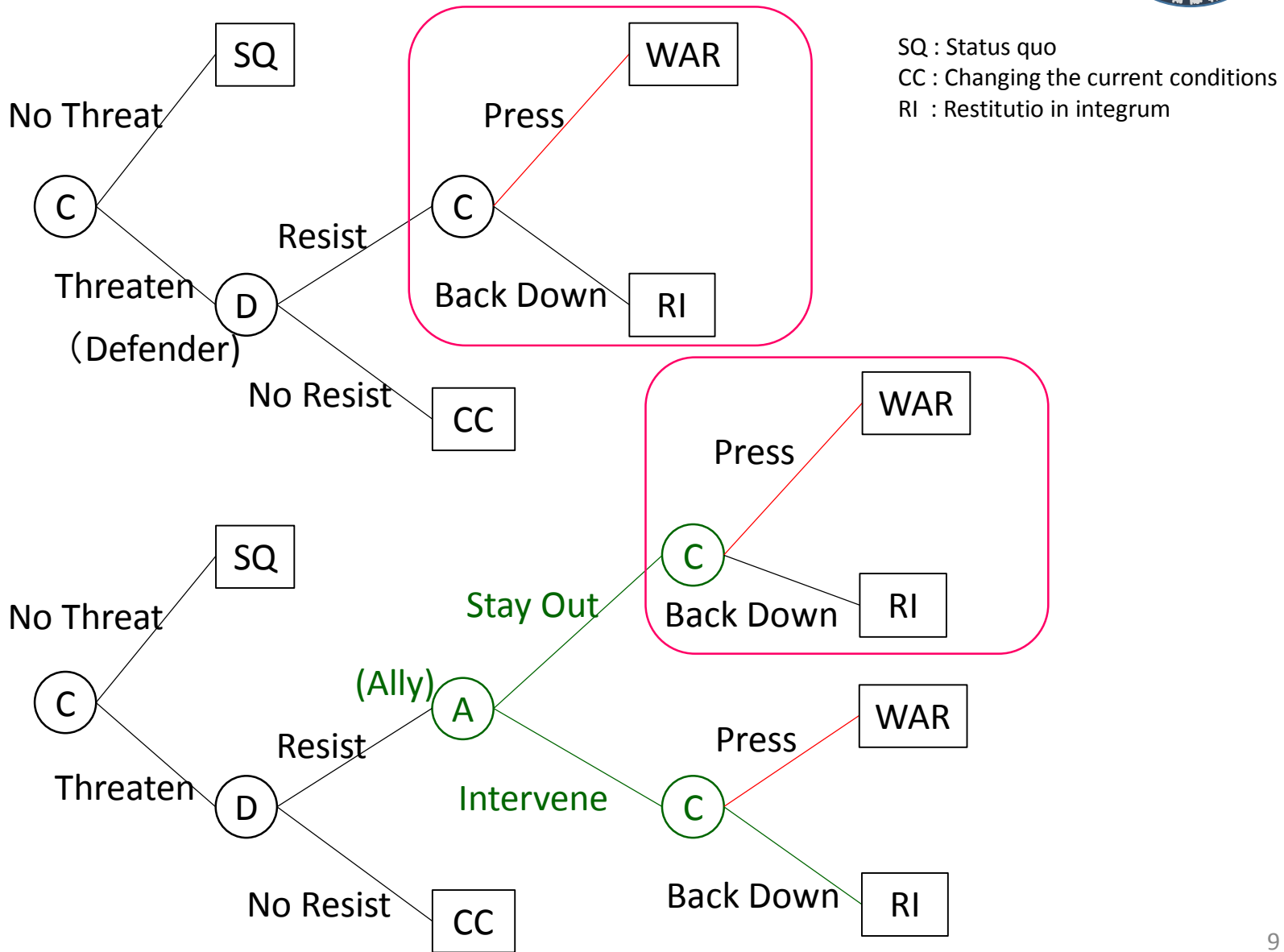


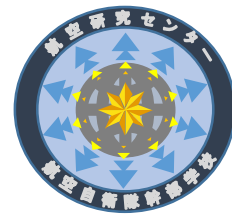
(Legend) ● : Challenger's Act
○ : Defender's Act

Securing of enough time ($T3'' - T3$)

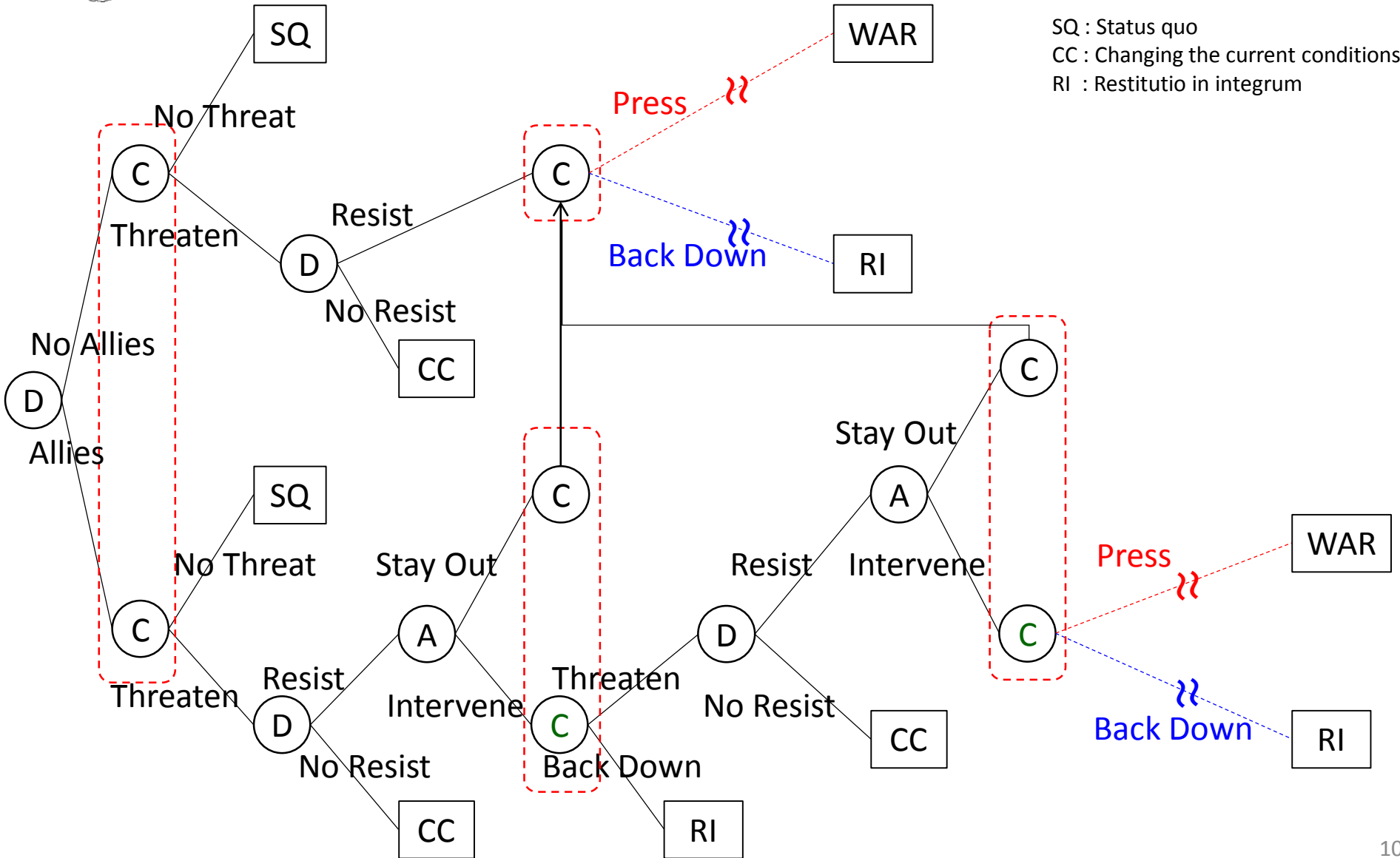


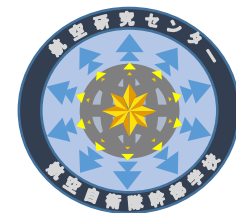
Game Tree with the Form of Alliance



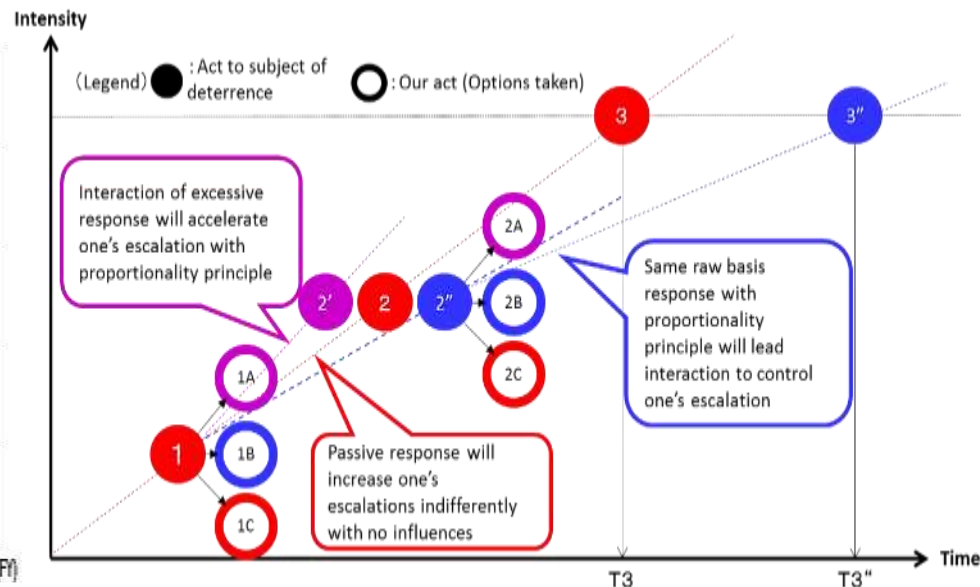
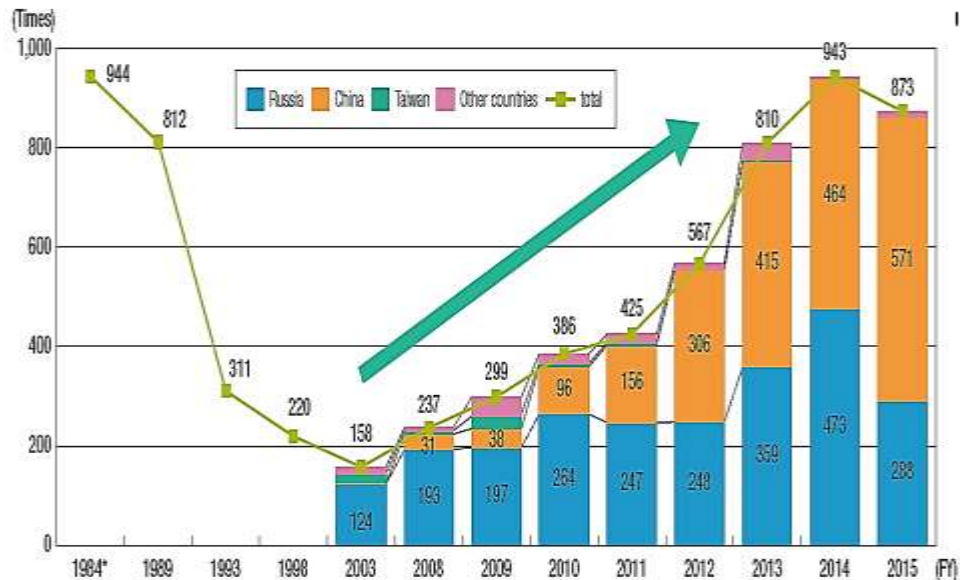


Feature of "Gray-zone" Game Tree





The Roles and Limits of Air Power



Note: The peak of the cold war





To Clear out the Gray Clouds...



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