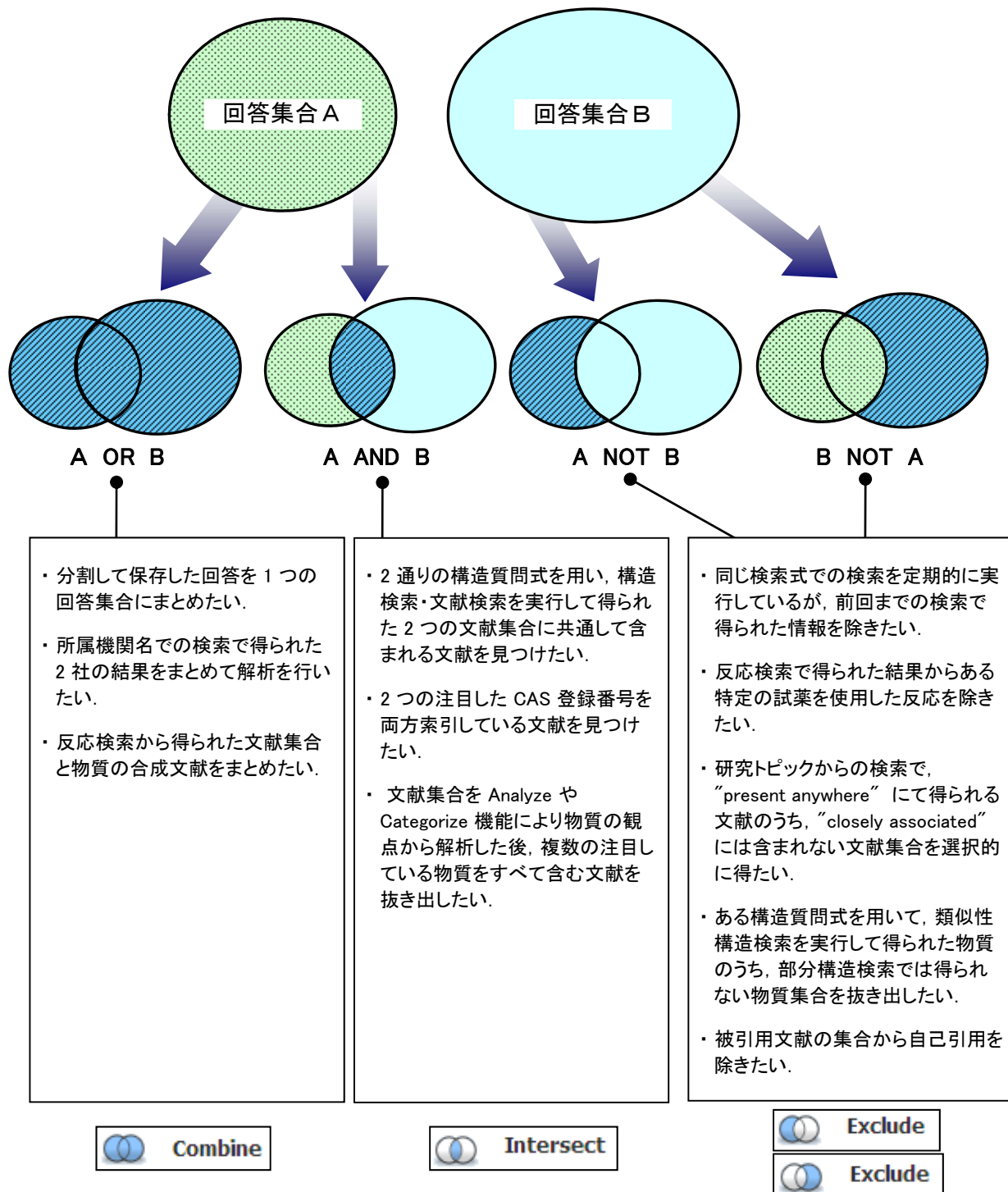


### Combine 機能 (回答集合同士の演算)

- SciFinder で得られた回答集合同士を演算することができます。この機能を利用することにより、いくつかに分割して保存した回答を一つにまとめたり、以前得られた結果を除き、新たに得られた情報のみを見たりすることができます。



注) 演算できる回答は物質レコードの集合同士、文献レコードの集合同士、反応レコードの集合同士に限られます。

## Combine 機能 (回答集合同士の演算)

- ① 組み合わせたい回答の集合を、あらかじめサーバーへ保存します。
- ② Tools メニュー内の「Combine Answer Sets」をクリックして、回答集合の一覧画面を表示させます。

Answer Set A

Remove Duplicates  
Combine Answer Sets  
Add Tag

クリック

- ③ 組み合わせたい集合にチェックを入れ、実行したい演算のタイプを選択し、「Combine Answer Sets」をクリックします。複数の集合を選択することも可能です。

Combine Answer Sets

Select saved answer set(s) to combine with your current answer set (455):

Reference Answer Set	Date Saved
<input checked="" type="checkbox"/> heck reaction (5684) Research Topic "heck reaction" > references (8761) > refine "catalyst" (6269) > refine "2000-" (5684)	May 28, 2015
<input type="checkbox"/> bird flu (1537) Research Topic "bird flu" > references (16341) > refine "Diagnosis" (1537)	Apr 10, 2015
<input type="checkbox"/> amidite(as entered) (237) Research Topic "amidite" > references (237)	Apr 6, 2015
<input type="checkbox"/> LCD (10060) Research Topic "liquid crystal display" > references (164177) > refine "polarizing film" (10060)	Jun 25, 2014
<input type="checkbox"/> diamond coating (2412)	Feb 24, 2012

Select an option for combining the answer sets:

- Combine** Include all answers from both sets → OR 演算 (和集合)
- Intersect** Include only answers that appear in both sets → AND 演算 (積集合)
- Exclude** Include only answers from **current answer set (455)** that are not in **heck reaction (5684)** → NOT 演算: (A)-(B) の差集合
- Exclude** Include only answers from **heck reaction (5684)** that are not in **current answer set (455)** → NOT 演算: (B)-(A) の差集合

Combine Answer Sets Cancel

- ④ 演算結果が表示されます。このあと、絞り込みや解析なども可能です。

Combine Reference Answer Sets "heck reaction (5684)" (58)

0 of 58 References Selected

1. **Synthesis, structure, and catalytic activity of complexes of 1,1'-bisoquinoline with PdCl<sub>2</sub> and NiCl<sub>2</sub>**  
By Khushcheva, N. S.; Bulygina, L. A.; Stanikova, Z. A.; Sokolov, V. I.  
From Russian Chemical Bulletin (2014), 63(4), 883-889. | Language: English, Database: CAPLUS

New complexes of 1,1'-bisoquinoline with PdCl<sub>2</sub> and NiCl<sub>2</sub> were synthesized. The PdCl<sub>2</sub> complex acts as a catalyst for the Suzuki and Heck reactions and the NiCl<sub>2</sub> complex can also be used as a catalyst.

2. **A macrocyclic Pd(II)-Ni(II) complex in Heck and Suzuki reactions**  
By Mieczynska, Ewa; Lisowski, Jerzy; Trzeciak, Anna M.  
From Inorganica Chimica Acta (2014), Ahead of Print. | Language: English, Database: CAPLUS

A heterodinuclear Pd(II)-Ni(II) macrocyclic Schiff base complex was applied to the Heck and Suzuki-Miyaura cross-coupling reactions. The complex was formed from 4-bromoanisole with styrene, 4-methoxy-trans-stilbene was formed from 4-bromoanisole with PhB(OH)<sub>2</sub> in a 2-propanol/water solution, up to 96% of the high stability of the macrocyclic Pd(II)-Ni(II) complex under the reaction conditions.

- 検索時のハイライトは反映されない
- 演算後の集合の Keep Me Posted Alert 登録は不可
- 類似性構造検索のスコアは表示されない
- 保存した回答同士の演算も可能