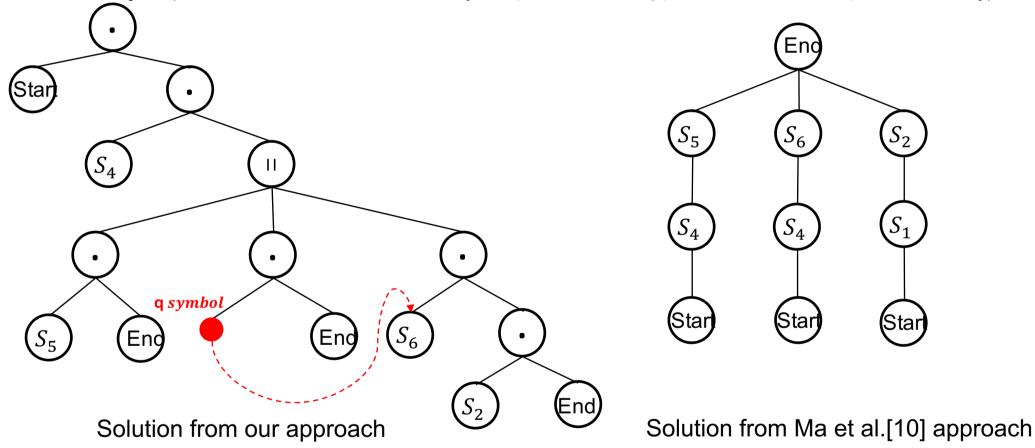


Solution from our approach

Solution from Ma et al.[10] approach

(b) Task 4

 $T_4 = (\{academic-item-number\}, \{maxprice, book-type, recommended priceindollar\})$



(c) Services used in the solutions above

S.	Atomic web service	Inputs	Outputs	QoS
S_1	academic-item-number_bookauthor_service	academic-item-number	auther, book	{ t:1765.91, c:6.61, r:0.51,a:0.83 }
S_2	author_publicationmaxprice_service	author	maxprice, publication	{ t:828.17, c:1.44, r:0.8, a:0.92 }
S_3	author_bookmaxprice_service	author	maxprice, book	{t:1912.14, c:1.39, r:0.78, a:0.5}
S_4	academicbooknumbersearch	academic-item-number	book	{ t:3280.67, c:9.72, r:0.49 a:0.66 }
S_5	tizonbook_recommendedpriceindollar_service	book	recommendedpriceindollar	{ t:3025.16, c:3.97r:0.43, a:0.88 }
S_6	book_authorbook-type_service	book	book-type, author	{ t:2481.87, c:1.47, r:0.47, a:0.68 }