Subjects of NP's?
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Part I
1) the barbarians' destruction of Rome
2) The barbarians destroyed Rome
3)a Rome's destruction
   b Mary's portrait
   c the theorem's proof
4)a Mary's poem (≠ poem about Mary)
   b Harry's novel (≠ novel about Harry)
5)a destruction Rome
   b portrait Mary
   c proof the theorem
6)a poem Mary
   b novel Harry
7)a the poem of Mary (≠ poem about Mary)
   b the novel of Harry (≠ novel about Harry)
8) *[John's [likelihood [t to leave]]]
9)a *P [t,+a,−p]
   b ...V P... → ...V...
   c A bare NP can occur as the complement of a noun only if
     "affectedness" holds.
10) *algebra's knowledge t (cf., knowledge of algebra)
11) *algebra's knowledge of t
12) *Mary's speech about t

Part II
13) The navy sank the ship
14) A torpedo sank the ship
15) The ship was sunk by the navy
16) The ship was sunk by a torpedo
17) The navy sank the ship with a torpedo
18) The ship was sunk by the navy with a torpedo
19) *The navy sank the ship by a torpedo
20) *A torpedo sank the ship by the navy
21) "Each argument bears one and only one Θ-role, and each Θ-role is assigned to one and only one argument." LGB p.36
22) Hypothesis: In (19-20), the navy is agent and a torpedo is instrument.
23) Hypothesis: "subject" is a Θ-role relevant to (21)
24) Hypothesis: by assigns subject role. cf., Marantz(1984,p.129) "...the object in a by PP within a VP headed by a passive participle bears the semantic role assigned by the predicate that the passive participle produces."
25) (19-20) violate (21)
26)a The city was destroyed by the rocket
 b the city's destruction by the rocket
27)a The rocket destroyed the city
 b ?the rocket's destruction of the city
28)a The enemy destroyed the city with the rocket
 b the enemy's destruction of the city with the rocket
29)a *The enemy destroyed the city by the rocket
 b ?*the enemy's destruction of the city by the rocket
30)a '?the enemy's destruction of the city by rocket
 b ?The enemy destroyed the city by rocket
 c *Rocket destroyed the city
31) Hypothesis: by rocket is a pure instrumental, and not a subject.

References
Higginbotham,J.(1983) "LF, Binding, and Nominals" LI14,3
Williams,E.(1982) "The NP Cycle" LI13,2