Некоторые замечания по поводу списка ссылок на работы отдела физики лептонов (ОФЛ) ИЯИ НАН Украины

Список ссылок на какие-либо работы очевидно будет зависеть от того, какой круг литературы или какие базы данных просматриваются. Если вы работаете в ядерной физике, то вряд ли найдете ссылки на свои работы в библиографической базе данных, например, по биологии или социологии и даже физике твердого тела. Опыт работы с различными базами данных показал, что ни одна из них не свободна от недостатков, и, скорее всего, не выдаст вам полный список работ, где цитировались ваши труды (и даже не выдаст полный список собственно ваших работ). Ниже рассматриваются некоторые библиографические базы данных в физике ядра и элементарных частиц, а также их достоинства и недостатки на основе моего личного (т.е. в чем-то субъективного) опыта, который, тем не менее, может оказаться полезным.

1. SPIRES [1]. Поддерживается Stanford Linear Accelerator Center (USA), Fermi National Accelerator Laboratory (USA), Deutsches Elektronen-Synchrotron (Germany). Очень популярная поисковая система и совокупность баз данных в физике высоких энергий (ФВЭ). В основном включает в себя работы по ФВЭ и ядерной физике (ЯФ), в последнем случае – если они имели отношение к ФВЭ. В SPIRES обязательно числятся все работы, опубликованные как электронные препринты в архиве электронных препринтов [2], а также опубликованные в Physical Review, Physical Review Letters, Reviews of Modern Physics, даже если они с ФВЭ не связаны. Однако работы, вышедшие в других журналах (а также монографии, труды конференций, препринты) в SPIRES могут быть опущены, особенно если вы специально не заботились об их включении. Естественно, будут опущены и все ссылки на статьи других авторов (на ваши в том числе), приведенные в этих работах.

2. Архив электронных препринтов [2]. Поддерживается Los Alamos National Laboratory, USA. Можно найти свои работы, опубликованные как электронные препринты. Ссылки на них (также в электронных препринтах, которые, впрочем, в последующем могут быть опубликованы, например, в реферируемых журналах) можно найти с помощью службы поиска [3].

3. NSR (Nuclear Science References) [4]. Поддерживается National Nuclear Data Center (Brookhaven National Laboratory, USA). Включает работы по ЯФ, начиная с 1910 г., опубликованные в ~80 журналах. Как показывает опыт, до появления в списке NSR ваших недавно вышедших статей иногда требуется достаточно длительное время (несколько месяцев), а работы технического характера, даже опубликованные в журнале по ЯФ, могут быть опущены. Здесь можно найти свои работы (по ЯФ), но не ссылки на них в статьях других авторов. Ваши работы, вышедшие в трудах конференций, книгах, препринтах и т.п., будут опущены.

4. ISI (Institute of Scientific Information, USA) [5]. Наиболее полная библиографическая база данных по работам, опубликованным в журналах (просматриваемый список включает около 10000 журналов), а также ссылок на работы других авторов из просмотренных статей. Следует помнить, что просматриваются только журналы и, т.о., ваши работы в трудах конференций, книгах, препринтах (в том числе электронных) и т.п. учтены не будут. Однако, если в журнальных статьях других авторов были ссылки на какие-либо ваши нежурнальные работы (препринты, например), то в ISI они учтены будут. Недостатком этой базы данных является то, что она дается только за деньги, в отличие от доступных бесплатно [1-4]. В Киеве

информацию из ISI можно найти в Национальной библиотеке Украины им. В.И.Вернадского и Институте проблем регистрации информации НАН Украины; там можно также заказать поиск ссылок на ваши работы, однако – тоже за деньги. Зарубежом ISI часто доступна, особенно если вы работаете при университете. Если вы возможность работы с ISI получили, не забудьте воспользоваться услугой оповещения вас по электронной почте (обычно – в течение одного года) о появлении новых ссылок на ваши работы в базе данных ISI.

5. SCOPUS [6]. Поддерживается издательством Elsevier. Это – универсальная база данных, и в ней можно найти список своих работ (и ссылок на них), выходящие за пределы ЯФ и ФВЭ. Опыт работы с ней (небольшой, т.к. она также является платной) показал, что оба списка будут неполными, как и в других базах данных, в частности из-за того, что она включает работы, начиная с 1996 г.

6. GOOGLE [7] (и другие распространенные системы поиска в Интернете) также дает возможность найти некоторые свои работы и даже какие-то ссылки на них. Однако удобнее искать ссылки в более специализированной поисковой системе GOOGLE SCHOLAR [8]. Ссылки на ваши работы в книгах или трудах конференций можно найти с GOOGLE BOOKS [9] (по крайней мере, некоторые).

7. Полезными могут оказаться также CERN Document Server с библиографической базой по физике частиц [10] и NASA Astrophysics Data System [11] (работы с уклоном в астрофизику).

Всегда помните, что полного списка своих работ (включая, например, труды конференций, абстракты и препринты) и ссылок на них вы не получите ни в одной из этих баз данных, и списки эти от базы к базе могут отличаться. Все ваши публикации в реферируемых журналах будут учтены в базе ISI [5], а если вы работаете в ЯФ и/или ФВЭ, то найдете большинство своих работ (даже в трудах конференций и препринтах) в NSR [4] и SPIRES [1]. Всегда уточняйте, где именно вы искали ссылки на свои работы (или работы своих коллег). При автоматическом поиске учитывайте, что:

(1) самоссылки исключены не будут – работы, в которых вы ссылаетесь на другие ваши же работы, надо отсеивать вручную, и это может достаточно сильно повлиять на полное число ссылок;

(2) должны быть отброшены ссылки на работы однофамильцев;

(3) некоторые ссылки могут быть не найдены из-за ошибок в цитировании ваших работ другими авторами – например, указан неправильный номер страницы вашей статьи (как правило, таких ошибок немного).

Список ссылок на работы ОФЛ формировался приблизительно с 1990 г. Он составлялся “вручную”, т.е. при чтении литературы по двойному бета распаду, редких альфа и бета распадах, поиску экзотических процессов с нарушениями электрического заряда (распады электрона), барионного числа (распады нуклонов) и др. Были приняты следующие правила:

(1) Как правило (в абсолютном большинстве случаев), ссылка заносилась в список только после того, как соответствующая статья других авторов была опубликована, и я держал ее в руках. Достаточно редко (меньше 5%) включались ссылки из, например, трудов конференций, которые были недоступны, но которые были опубликованы также как электронные препринты, а ссылка на труды конференций была приведена в архиве электронных препринтов [2] (или немногие найденные с GOOGLE BOOKS [9]);

(2) Самоссылки исключались;

(3) В список заносились ссылки не только из статей других авторов из реферируемых журналов, но также из книг, трудов конференций, обычных (на бумаге) препринтов, диссертаций (начиная с кандидатской или PhD, т.е. студенческие дипломы не учитывались) – тех, которые попадались в руки. Ненужные (с какой-то точки зрения) ссылки всегда из списка можно вычеркнуть. Опыт показывает, что при оставлении ссылок только из реферативных журналов список уменьшается на ~25-50%;

(4) Ссылки из электронных препринтов не учитывались. Как правило, позже такие работы публиковались в реферируемых журналах, и ссылки из них искусственно бы раздували список;

(5) Периодически (достаточно редко по причине недоступности) список проверялся по базе данных ISI [5], а с развитием баз данных в Интернете – и по другим базам [1-4,6-10]. Как показал опыт, ненайденных “вручную” ссылок было достаточно мало.

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